



VITTA
EDUCATION

Equipping the
Next Generation
of Scientists

THE **BIG BOOK** OF SCIENCE

See inside for

- ✓ **NEW Products**
- ✓ **LOWER Prices**
- ✓ **LATEST Tech**

vittaeducation.com

NEW
Chemicals
Range



See what's new on page 35.

ONLY £92.00

**DuraLab Precision
Balance – 0.01g**

Engineered to deliver reliable performance in any laboratory setting, this precision balance provide a comprehensive solution for accurate weighing.

- Capacity: 1000g
- Readability: 0.01g
- Backlit LCD
- 5 year warranty

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GET 1
FREE***



*Model shown DRL0048. See page 76 for full details.

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best-sellers for
Physics, Biology
and Chemistry...**

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and exclusives!



NEW Products

NEW



Look inside to find out more!

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VITTA EDUCATION

SCIENCE TOOLS AND RESOURCES



The heritage of VITTA Education goes back more than 65 years, with our roots firmly planted in producing and supplying well-loved brands to scientific industries and academic institutions.

With a heritage spanning over 65 years, VITTA Education has deep roots in supplying trusted, well-loved brands to scientific industries and academic institutions. Today, we are a leading provider of scientific equipment to schools, colleges, and universities across the UK and worldwide.

In collaboration with industry and education partners, we offer a wide range of curriculum-based products, expert guidance, and essential resources to support STEM teaching from primary through to higher education.

We understand the fast-paced demands of science departments, which is why we keep thousands of products in stock, ready to ship.

Everything you want from your science supplies stockist:

- Trusted provider of high-quality science equipment for biology, chemistry, and physics education.
- Exclusive brands like PASCO Scientific*, plus VITTA's own high-quality products and other big names.
- Easy online ordering with simple account management.
- Next-day delivery on all in-stock items**.
- Competitive pricing and budget-saving solutions.
- Personalised customer service and expert support for educators and technicians.

Take a look through this catalogue to discover new and exciting products or explore our full range at vittaeducation.com.

**EAT
SLEEP
SCIENCE
REPEAT**

take a look and SPARK conversation

SPARK CONVERSATION AT LaBLiFe.CO.UK [social media icons] La B Li Fe

GETTING INVOLVED

VITTA work with and support these leading industry organisations:



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RESOURCES FOR COURSES

At VITTA Education you can find everything you need to excel in preparing tomorrow's scientists for their future in science with our lab lists, lesson plans and curriculum matched resources to cover many different courses.

Qualifications covered:

- A-Level
- T-Level
- GCSE
- BTEC

Course providers and awarding bodies:



DID YOU KNOW... You can find all the latest deals and discounts for the term, along with our free gift incentives online at vittaeducation.com/science-savers

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Here to help... Contact us for product information, technical support, curriculum development and so much more!

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VITTA EDUCATION

Trade In, and Trade Up!

Swap out old or unused equipment with VITTA's Trade-In Scheme*. Take advantage and treat your school and students to the latest science tech to help enhance their education and love for science.

How it works:



Get in touch: Call us or email and tell us what equipment you need and how many units you're looking to replace. Our friendly team will help find what's right for you.



Confirm your order: We'll send an official order confirmation and a returns form for your old equipment.



Fast delivery: Your new equipment will be dispatched quickly – often the same day – via next-day courier.**



Send back the old: Simply complete the returns form and send it back with your old equipment. The return address and instructions are all on the form.

Why choose the Trade-In Scheme?

- Save money on essential lab upgrades
- Reduce waste – old equipment is responsibly recycled and re-purposed
- Future-proof equipment – swap out-dated equipment for the latest tech
- No downtime – fast turnaround keeps your lab running smoothly
- Ideal for schools or colleges working within strict budgets

What items can you trade in?

Clean lab equipment (balances, power supplies, centrifuges, microscopes, physics equipment, apparatus etc). Equipment must be in working order or easily repairable.

What items can't you trade in?

Glassware, chemicals, consumables, contaminated items (fume cupboards) and fixed items (benches).

Make a saving on your next shop!

Begin your trade in and find out more at vittaeducation.com/trade-in-scheme

Shop our range of DuraLab balances on page 76



Why buy from VITTA?

"...Awesome service every time..."

Senior Science Technician, Scarborough

Here's just some of the reasons our customers buy from VITTA:

FAST RESPONSE

"...The response to my queries was answered precisely and concisely.. It was a prompt reply and resolved all my questions.."

Senior Science Technician, Herts

COMPETITIVE PRICING

"...I am happy that you quoted and gave a generous discount..."

Physics Technician, Nottingham

QUICK DELIVERY

"...Excellent support, speedy shipping – very happy..."

Science Technician, Merseyside

TECHNICAL SUPPORT

"...VITTA made a prompt and informative visit to understand our capabilities and options..."

Senior Science Technician, Rugby

FULL RANGE AND UNIQUE PRODUCTS

"...The support was expemplary – the reserch and effort made to solve my problem with with equipment was extensive.. Thank you!"

Physics Technician, London

GENUINE CUSTOMER SERVICE

"...I greatly appreciate being updated, particularly compared to other companies where the norm appears to be calling and asking for updates..."

Chemistry Technician, Fife

What will you say? Order today at vittaeducation.com and give us your feedback



FREE DELIVERY ON ORDERS OVER £100*

Delivery outside UK is quoted on a per order basis. Please confirm at time of ordering. Orders under £100 incur a £10 delivery contribution. All orders containing a hazardous substance, chemical or liquid incur a £15 delivery contribution**.

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SUPPORT

Equipping the next generation of scientists in more ways than one!



New Curriculum Implementation

Whether it's changes in curriculum or the introduction of new courses, know what you need to succeed with up-to-date lab lists and know-how.



Annual Order

Take stock of what you need for the year ahead. Our budget clinic is on-hand to help maximise your science resources with careful planning, bulk savings and product knowledge.



Laboratory Fit-Out

New space for science? Build-in success with VITTA's design and installation services, including furniture, with practical knowledge to make the best use your space.



Stock Replenishment

Keep on-top of your consumables and chemicals with next-day delivery and tailored stock-subscription plans designed to keep your cupboards full and ready for the next lesson.



Kit-Out of a Laboratory

Shiny new space but no supplies? Our team can work to your budget, time-lines and teaching needs to compile the correct set of equipment and apparatus befitting of a modern lab.



Specialist Equipment

Need that special something to help fulfil the curriculum requirements? Shop online or contact our team if you can't find what you're looking for and we'll source it for you!



Update Existing Equipment

Stay up-to-date on product advancements and trends, or simply replace old and broken equipment with over 1000 in-stock lines ready for next-day delivery.



Equipment Repair / SOP's

Help look after your equipment year-after year with extended warranties** and a no-fuss repair service. Plus our Standard Operation Procedures are available to download for FREE!

It's never too late... Learn new skills with VITTA!

Rediscover the joy of science and learn new skills with our free:

Workshops – covering biology, physics and chemistry – from collisions to microscience, crime-scene forensics to microscope maintenance and more!

Training – ideal for inset days or during holidays, to develop new skills and stay up to date with the latest products. Ideal for teachers and technicians.

Tech Meets – get hands-on with new products and the latest tech to learn new skills and techniques. Can also include training on existing equipment or required practicals.

STEM Clubs & Workshops – face to face or virtual – see and learn about new products, tips, tricks and how to bring the subject to life!

Ask us for more details and available dates – email hello@vittagroup.com



Shop 1000's of essential curriculum-led science supplies online at vittaeducation.com

BIOLOGY



Get students even closer to science with DuraLab

Seeing is believing with DuraLab's comprehensive range of high quality education and scientific microscopes. From academic level to professional industry standard, each microscope is designed and built for durability, ease of use, and unparalleled performance. Part of DuraLab's promise to make everyday scientific supplies more intuitive, durable, and efficient, the choice of Classic, Advanced and Pro microscopes provide schools, colleges and professionals with the best equipment for their needs, backed by a 5-year warranty for years' of use and true piece of mind.

Discover the range at vittaeducation.com/duralab



Set students on the right path to discovery with the range of **Classic microscopes** designed for beginner educational use.

- Magnification: Up to 600x*
- Optics: Achromatic
- Stage: Plain/Fixed
- Illumination: LED
- Upgrades: Yes
- Monocular: DRL0038, DRL0076, DRL0039
- Binocular: DRL0037
- Warranty: 5-Years



Durable

DuraLab DS-20 Classic Stereo Microscope

A versatile and user-friendly entry-level stereo microscope

- Magnification: 20x
- 2x WF 10x/20mm
- Objectives: 2x



DRL0037 DS-20 Stereo Microscope **£61.00**

DuraLab DF-50 Classic Monocular Microscope

Engineered for both novice and seasoned users with a unique circular rotating stage.

- Magnification: 400x
- Objectives: 4x, 10x, 40x (s)
- Optic Type: Achromatic



BUY 5, GET 1 FREE*



DRL0038 DF-50 Monocular Microscope **£142.000**

DuraLab DF-60 Classic Monocular Microscope

Small-form microscope designed to meet **AS Level** curriculum requirements and enhanced experience.

- Objectives: 4x, 10x, 60x (s)
- Magnification: 600x
- Optic Type: Achromatic



DRL0076 DF-60 Monocular Microscope **£145.00**

DRL0079 Plain WF10x/18mm Eyepiece **£29.00**

BEST SELLER FOR GCSE

DuraLab DF-100 Classic Monocular Microscope

- WF10x/18mm eyepiece
- 360° rotatable head
- Objectives: 4x, 10x & 40x
- Variable intensity LED



BUY 5, GET 1 FREE*



DRL0039 DF-100 Monocular Microscope **£128.00**

DRL0056 Plain WF10x/18mm Eyepiece **£29.00**

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BIOLOGY

DuraLab DR-400 Series Advanced Achromatic Microscopes

DuraLab's DR-Series microscopes with achromatic objectives offer a reliable educational tool designed to enhance learning experiences for students across various settings. Featuring a 360-degree rotatable head with a comfortable 45° angled eyepiece tube, it promotes ergonomic viewing for prolonged use in any setting.

Equipped with achromatic objectives and a fixed condenser with N.A. 0.65 and adjustable iris diaphragm, it supports fundamental microscopy techniques and basic scientific observations.

- Magnification: 400x
- Objectives: 4x, 10x, 40x (s)
- Optic Type: Achromatic



DRL0040	DR-410 Monocular Microscope	£170.00
DRL0041	DR-420 Binocular Microscope	£232.00

DuraLab Microscope Objective 100x (Oil Immersion) for DF-100 and DR-400 Series



DRL0064	Plain	£51.00
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DuraLab DR-500 Series Advanced Semi-Plan Microscopes

The DuraLab DR-500 series microscopes, with semi-plan objectives, set a new standard in educational microscopy, offering an enriching learning experience for students and educators alike. Designed with a 360-degree rotatable head, it prioritises ergonomic comfort with an adjustable interpupillary distance and a 30° angled eyepiece tube, ensuring extended viewing sessions remain comfortable and productive.

Delivering magnifications up to 400x, and expandable to 1000x, these microscopes empower students to explore intricate details with exceptional clarity and precision.

- Magnification: 400x
- Mechanical stage
- Focusing: coaxial coarse and fine
- High power LED illumination
- Includes dust cover



High Performance



DRL0042	DR-510 Monocular Microscope	£245.00
DRL0043	DR-520 Binocular Microscope	£324.00
DRL0044	DR-523 Trinocular Microscope	£392.00

DuraLab Microscope Objective 100x (Oil Immersion) for DR-500 Series

This objective increases total magnification to 1000x with standard 10x eyepiece.



DRL0065	Plain	£64.00
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Eyepieces DF-100 and DR Series



WF10x/18mm

DRL0057	Plain	£31.00
DRL0058	Pointer	£32.00
DRL0060	Micrometer	£51.00

WF20x/9mm

DRL0062	Plain	£41.00
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Shop our complete range of Biology products online at vittaeducation.com/biology

BIOLOGY

DuraLab DX-Series Pro Infinity Microscopes

The DuraLab DX-Series Pro Microscope range with infinity plan objectives, for superior image quality, set the benchmark for quality and precision in microscopy, ideal for both educational institutions and industrial applications. Renowned for its exceptional optical performance, these microscopes deliver unparalleled clarity and detail, essential for critical analysis and research.

With robust engineering to ensure reliability and accuracy, the DX-Series microscopes adapts seamlessly to various educational and professional needs.

- Choice of binocular or trinocular
- Magnification: 1000x (upgradable to 2000x)
- Objectives: 4x, 10x, 40x (s) and 100x Oil (s)
- Mechanical stage
- Focusing: coaxial coarse and fine
- High power LED illumination
- Includes dust cover



Durable



High Performance



Precision



5yr

Warranty



DRL0045 DuraLab DX-820 Pro Infinity Binocular Microscope

£696.00

DRL0046 DuraLab DX-830 Pro Infinity Trinocular Microscope

£760.00

Get up-to-speed with science equipment

Thinking about upgrading to the latest tech or need a bit of hands-on support with the equipment in your lab? Then why not reach out for a VITTA Discovery Day and get the know-how you need from our team.

Book a visit online at vittaeducation.com/discovery



DuraLab Digital 3MP Microscope Camera

31MP digital camera for use with the range of trinocular microscopes from DuraLab.



DRL0094 31MP **£129.00**

DuraLab Pro Digital Microscope Camera

Multiple interface (HDMI+ WiFi+ SD) HD camera with Sony CMOS sensor.



DRL0095 1080p, HDMI **£414.00**

Microscope Eyepiece for DX Series



WF10x/22mm

DRL0059 Plain **£49.00**

DRL0061 Micrometer **£76.00**

WF20x/12mm

DRL0062 Plain **£41.00**

DuraLab Microscope Dust Covers

Replacement covers for DuraLab microscopes.



DRL0066 DF Series **£4.50**

DRL0067 DR/DX Series **£4.50**

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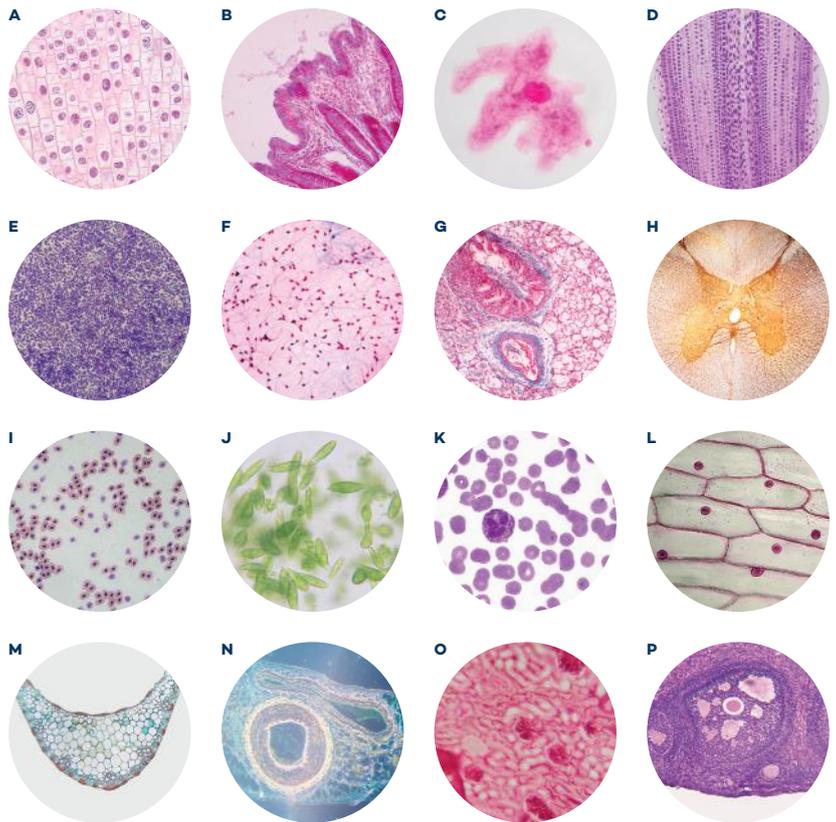
BIOLOGY

Prepared Microscope Slides

High-quality prepared microscope slides featuring a clear and detailed view of various organic specimens.

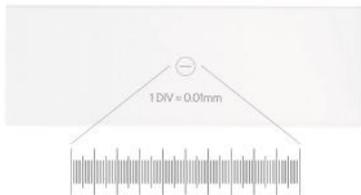
- Individual supplied slides
- Perfect for biology and science curricula
- Expertly prepared and labelled for easy identification
- Sealed in glass with inert materials for long-term use
- Comes in a protective cardboard casing
- Size: 75x25mm

Code	Ref.	Product Description	Price
VTN12301889	A	Onion Root Tip	£2.50
VTN12301912	B	Small Intestine	£2.50
VTN12301918	C	Amoeba Proteus	£2.50
VTN12301883	D	Allium Root Tips	£2.50
VTN12301921	E	Bacteria	£2.50
VTN12301906	F	Human Sperm Smear	£2.50
VTN12301909	G	Lung Section	£2.50
VTN12301926	H	Spinal Cord	£2.50
VTN12301902	I	Frog Blood Smear	£2.50
VTN12301919	J	Euglena	£2.50
VTN12301894	K	Human Blood Smear	£2.50
VTN12301882	L	Onion Bulb Epidermis	£2.50
VTN12301884	M	Dicot Leaf	£2.50
VTN12301900	N	Artery & Vein	£2.50
VTN12301927	O	Mammalian Kidney	£2.50
VTN12301905	P	Human Ovary	£2.50



DuraLab Micrometric Slide 1mm/0.01mm

Used to calibrate eyepiece graticules.



DRL0068 Micrometric Slide **£21.00**

Microscope Slide Set

Assorted slides.



VTN12301928 Microscope Slide Set **£65.00**

Plain Microscope Slides 1.0/1.2mm

- Pack of 50



VTS12300011 Plain Microscope Slides **£2.10**

Basic GCSE Slide Set

Set of 25 slides designed to support the GCSE biology syllabus.

Slides feature both transverse and longitudinal sections.

- Supplied in a hard case



VTN12301929 Basic GCSE Slide Set **£19.44**

Square Glass Cover Slips

- 22x22mm
- Pack of 100



VTT12300700 Cover Slips **£1.51**

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BIOLOGY

Dissection Specimens

High quality specimens dispatched humanely and inspected prior to delivery for use in schools, colleges and universities.

All sheep products are harvested from animals reared for the human food chain and under 12 months of age.

Supplied frozen.



VTT12307240	Rat, Pack of 5	£63.00
VTT12307241	Sheep Eye, Pack of 10	£27.00
VTT12307242	Sheep Heart, Pack of 5	£22.50

Large Owl Pellet

Masses of undigested parts of food that owl species occasionally regurgitate. The contents of the owl pellet depends on its diet, but can include the exoskeletons of insects, indigestible plant matter, bones, fur, feathers, bills, claws, and teeth.

- Individually wrapped
- Heat sterilised at 120°C
- Free of chemicals
- Approximately 50mm long



VTN12301635	Large Owl Pellet	£8.73
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Dissecting Instruments Set

A good standard selection of equipment ideal for use in basic through to advanced dissection and zoology anatomy studies. The instruments are made from high quality, corrosion-resistant stainless steel and can withstand repeated washes and sterilisation.

Comes complete with durable, zip-fastened leather storage case.

14 piece set includes: 2x scissors, 2x forceps, 1x straight needle, 1x arrow needle, 1x seeker blunt end needle, 1x section lifter, 1x scalpel with blade, 1x scalpel handle, 1x scalpel blade, 1x razor with covered edge, 1x acrylic bi-focal magnifier, 1x blow pipe, 1x chain and hook.

For educational use only.



VTT12303227	14 Piece Dissecting Instruments Set	£26.29
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Looking to make your science budget go further? With VITTA's exclusive online discount scheme VITTA Rewards, you can save at least 4% on every future order* – that's double the usual 2% cashback! No forms, no fuss – **just shop, save, and repeat.**

Plus, you can also exchange points for VITTA Treats – a great selection of must-haves to share with the whole department!

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- Built with school budgets in mind
- Just log in when you order – it's that simple



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Don't miss out... remind your finance team



Dissecting Set

10-Piece dissecting set supplied in a stackable plastic storage box.

- Includes: 1x tweezers, 2x preparation needle, 5x scalpel blades, 1x scissors and 1x scalpel holder.



VTT12303236	10 Piece Dissecting Set	£12.11
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Wooden Dissecting Board

- 550x400x17mm



VTT12303239	Wooden Dissecting Board	£22.97
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BIOLOGY

Aluminium Dissecting Tray with Wax

- 310x200x50mm



VTT12303228 Aluminium Tray **£13.79**

EduLab Dissection Pan, Pad & Cover

Reusable, rust-free pans.



VTT12303231 Dissection Pan, Pad & Cover **£23.17**

VTT12303232 Replacement Pad **£16.68**

Blue Dissecting Board

- 355x255x10mm
- Dishwasher safe



HELO50020 Dissecting Board **£5.90**

Single-Edge Razor Blades

Heavy duty single-edge blades with reinforced back for durability and strength.

Precision-ground for sharp cutting and effective scraping.

Inserts into a scraper or cutter and can be hand held.

- Pack of 10



VTT12307228 Razor Blades **£1.30**

Scalpel Blades

- Pack of 10



B184A1 No. 10 (Fits #3 Handle) **£16.90**

VTT12301543 No. 24 (Fits #4 Handle) **£5.35**

VTT12301550 No. 10, Pack of 100 **£14.35**

Scalpel Handles

- Stainless Steel



See page 119
for more knives

B182A No. 3 Handle **£1.65**

B182B No. 4 Handle **£1.55**

VTT12301548 No. 4 Handle, Pack of 10 **£83.11**

Dissecting Awls

Stainless steel spike with choice of aluminium or wooden handle.



VTT12303240 Aluminium Handle **£1.23**

VTT12303241 Wooden Handle **£5.90**

Dissection Needle

Straight, sharp, stainless steel needle for use in dissection with non-metal handle.

- Length: 120mm



VTT12303243 Dissection Needle **£0.43**

Forceps

A choice of superior quality stainless steel or plastic forceps ideal for use in dissection.



Stainless Steel

VTT12301528 Sharp Point: 125mm **£1.30**

VTT12301530 Curved Point: 125mm **£1.34**

VTT12301532 Blunt Point: 125mm **£1.28**

VTT12301533 Blunt Point: 150mm **£1.85**

VTT12303222 Blunt Tip: 125mm, Pack of 10 **£10.16**

VTT12303223 Fine Point: 110mm, Pack of 10 **£16.30**

Plastic

VTT12303233 Blunt Point: 125mm, Pack of 12 **£5.08**

Specimen Forceps

Stainless steel utility forceps designed for careful placing and removal of items.

- Size: 290mm



DSN300010 Specimen Forceps **£11.50**

Dissecting Scissors

Stainless steel scissors with a very fine point for delicate work.

- Size: 115mm



VTT12303224 Dissecting Scissors **£2.69**

BIOLOGY

Life-size Model Skeleton with Frame

Life-size plastic skeleton with a detachable skull and a full set of permanent teeth, removable cranium and movable joints.



VTN12301722 Life-size Model Skeleton **£139.45**

Heart Model

Natural size, 2-part model of human heart. Front part is removable to view the chambers.



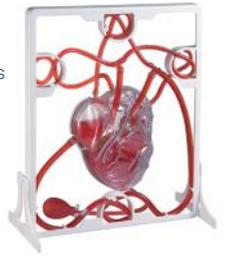
VTN12301738 Human Heart Model **£17.26**

3D Pumping Heart

Clearly demonstrates how the heart pumps blood around the body.

Comes with instructions and supports areas of learning for anatomy, health and personal development (PSHE).

- Assembly required

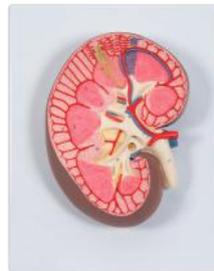


402-105 3D Pumping Heart **£21.90**

Cross-Section Kidney Model

3x life-size, detailed kidney cross-section with labelled internal anatomy, including cortex, nephron, and blood vessels.

- Identification key included
- 330x228x25mm



VTN12301745 Human Kidney Model **£21.33**

Human Ear Model

4x life-size hand-painted model with five removable parts.



VTN12301753 Human Ear Model **£44.67**

Eye Model

This 3x life-size, seven-piece human eye model is ideal for studying structure.

Includes a key for easy part identification.



VTN12301748 Eye Model **£15.22**

Human Digestive System

This 2-part life-size model displays the human digestive system, including the nose, mouth, pharynx, oesophagus, liver, gall bladder, pancreas, spleen, duodenum, cecum, and rectum. The transverse colon is removable to show internal structures.

Includes a numbered identification key card.



VTN12301756 Human Digestive System **£80.58**



OS-8477A PASCO Human Eye Model **£269.46**

OS-8476 PASCO Lens Replacement Set **£67.97**

PASCO Human Eye Model

The PASCO Human Eye Model simulates vision and vision correction with its selection of interchangeable lenses.

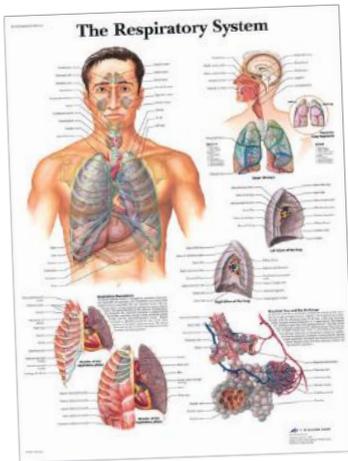
It includes a movable retina, adjustable pupil size, and a water-filled tank for vitreous humour.

The kit comes with various lenses, a pupil aperture, retina screen, calliper, and experiment manual.

Anatomical Charts

Colourful anatomical charts to illustrate various systems within the human body.

- Printed on premium glossy paper
- 500x670mm



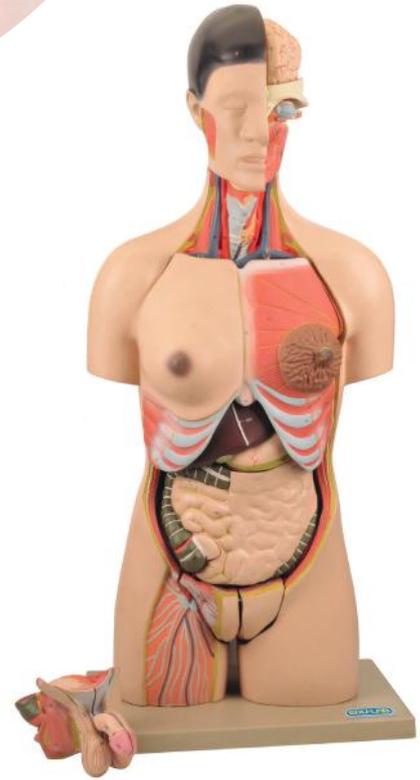
VTN12301779	Human Ear	£16.90
VTN12301785	Nervous System	£16.90
VTN12301787	Respiratory System	£16.90
VTN12301792	Skin	£16.90
VTN12301786	Gastrointestinal System	£16.90

Life-size Bisexual Torso Model

The detailed, life size 3D rendering of the human torso with its vibrantly coloured anatomy is ideal for studying the structure and function of the organs of the human body.

The model contains the following parts:

- Head – 1 part
- Brain – 1 part
- Eye – 1 part
- Torso – 1 part
- Lungs – 2 parts
- Heart – 2 parts
- Liver – 1 part
- Stomach – 1 part
- Intestine – 2 parts
- Male Genital Organ – 2 parts
- Interchangeable sex organs
- Supplied with reference card
- Dimensions: 390x230x910mm
- Weight: 7.5kg



VTN12301730 Life-size Bisexual Torso Model

£334.52

Lung Demonstration Model

This lung demonstration model shows how the lungs and diaphragm work in breathing. Interactive, durable, and ideal for various education levels, it helps demonstrate lung capacity, diaphragm movement, and respiratory functions.

Made from high-quality rubber and plastic for long-lasting use in educational settings.



VTN12301752 Lung Demonstration Model **£23.35**

Movable Hip Joint Model

Articulated hip joint to demonstrate the range of movement of the natural ball and socket joint.



VTN12301764 Movable Hip Joint **£75.90**

Female Pelvis Section

2-part section of a female pelvis. One half of genital organs with bladder and removable rectum, the other half is shown at the normal position in the pelvis.

Includes key card.



AM01178 Female Pelvis Section **£25.90**

Muscular System Leg Model

Model illustrates both the superficial and deeper muscles, eight of which are removable.

Tendons, vessels, nerves and bone components of the left leg and foot are shown in great detail.

- Displayed on removable stand



ZHM680020 Muscular System **£302.87**

EduLab DNA Activity Model

DNA activity model.

BEST SELLER



14-30-1335 DNA Activity Model **£37.96**

BIOLOGY

PASCO Wireless Spirometer

The PASCO Wireless Spirometer enables students to measure respiratory data, including flow rate, pressure, and lung volume, with real-time graphs and analysis tools on any device. It's ideal for health and human physiology studies. The sensor is protected by disposable mouthpieces, ensuring hygienic use and long-term accuracy. The kit includes three mouthpieces, with additional packs available.

Educational use only.

Also ideal for sports science and multi-curricular use



PS-3234	Wireless Spirometer	£326.53
PS-2522	Replacement Mouthpiece	£63.13



PASCO Wireless Blood Pressure Sensor

Allow students to quickly and easily measure both systolic and diastolic arterial blood pressure (mmHg) as well as heart rate (pulse in bpm). Comparing the digits display for systolic and diastolic pressure with the display of blood pressure from the real-time graph helps students gain a contextual understanding of the physiology of blood pressure.



PS-3218	Wireless Blood Pressure Sensor	£184.03
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PASCO Wireless Heart Rate Sensor

The PASCO Wireless Heart Rate Sensor has a chest strap and will transmit data wirelessly up to 10m away! The electrode belt fits around the ribcage (worn against the skin for best results, but can be worn over a shirt if a drop of saline solution is applied under the electrodes). Data wirelessly transmits the cardiac signal to the sensor.



PS-3207	Wireless Heart Rate Sensor	£151.72
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Digital Blood Pressure Monitor

Fast, easy-to-use, and accurate, this digital blood pressure monitor is complete with a high-contrast display and operated by simply pressing the Start/Stop button.



VTN12301803	Blood Pressure Monitor	£299.0
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Wrist Blood Pressure Monitor

A sleek and convenient monitor with simple one touch operation and equipped with a large LCD display.

- Supplied with a robust case



VTN12301802	Blood Pressure Monitor	£28.40
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Single Headed Stethoscope

Ergonomically designed with superior acoustic sensitivity and soft ear tips for added comfort whilst wearing.

- Single head
- Simple pattern



VTN12301799	Stethoscope	£4.44
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Fingertip Pulse Oximeter

This device measures haemoglobin saturation and heart rate using an infrared LED. Simply clip the test subject's finger, press the switch, and view pulse intensity, rate, and oxygen saturation on the LCD. Includes hanging rope and requires 2x AAA batteries.



VTN12301800	Fingertip Pulse Oximeter	£18.87
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EduLab Lung Volume Kit

Designed to measure lung capacity. Set includes 4x graduated 6L lung volume bags, holders and mouthpieces.

- Supplied with full instructions
- Refill pack available



VTN12301793	Lung Volume Kit	£24.71
VTN12306035	Replacement Mouthpieces	£16.24
VTN12301794	Spare Bags	£16.24

PLANT BIOLOGY

Cross-Section Flower Model

Typical flower model used for biological study and depicts internal structures, including reproductive parts.

The model is numbered, and includes a key card for identifying features

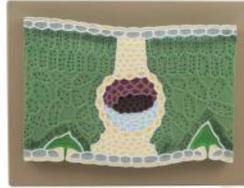
- Mounted on a base for display



VTN12301566 Flower Model £33.09

Dicot Leaf Model

Detailed representation of a dicot leaf structure with key features such as cuticle, epidermis, xylem, phloem and stomata.



VTN12301567 Dicot Leaf Model £29.66

Dicot Woody Stem Model

200x size model showing the cross section of the tissue structure of a garden beans dicotyledonous stem.



VTN12301572 Dicot Woody Stem Model £84.26

Plant Cell Model

An electron microscopic structure, showing a portion of wall removed to show ectoplast, endoplast, tonoplast and vacuoles etc.



BM8 Plant Cell Model £32.80

Cross-Section Plant Cell Model

Soft foam cross-section of a plant cell.

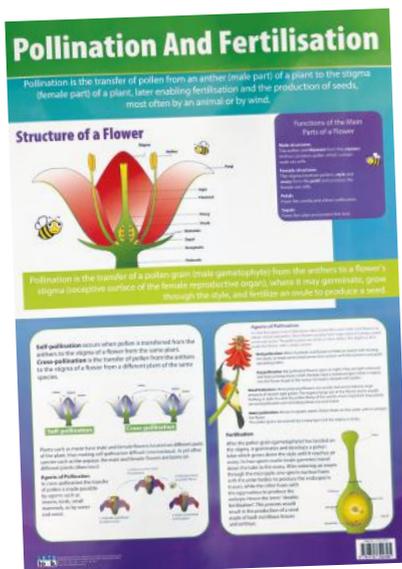


ZFM180010 Plant Cell Model £12.18

Pollination Wallchart

Colourful diagrams to illustrate various parts of a flower and its role in pollination.

- Printed on premium glossy paper
- 760x520mm



VTN12301581 Pollination Wallchart £16.90

Large Flower Model

An excellent example of a typical flower that can be used for detailed study of structure and function of parts of a flower.

All parts are removable for better viewing, and the ovary is bisected for view of internal structures.

- Mounted on a base
- Dimensions: 430x200x330mm
- Includes key card



Shop the full range of models and teaching aids online at vittaeducation.com/biology

VTN12301585 Large Flower Model £36.70

ENVIRONMENTAL SCIENCE

PASCO Greenhouse Sense and Control Kit

Designed for the exploration of biological and ecological concepts, the Greenhouse Sense and Control Kit includes everything students need to design, build, program, and study their very own greenhouse. This kit allows ultimate customisation, enabling students to study dozens of interactions between plants and environmental factors, while learning about the role programming plays in modern agriculture and plant studies. The Accessory Kit includes connectors, stoppers, and tubing with 3-way flow control drip-irrigation ends.



ST-2997	PASCO Greenhouse Sense and Control Kit	£876.80
ST-2998	PASCO Greenhouse Sense and Control Kit without //controlNode	£636.29

PASCO Wireless Soil Moisture Sensor

Measure the volumetric water content (%VWC) of soil using live data or by storing it on-board the sensor's memory for long-term experiments.



PS-3228	Wireless Soil Moisture Sensor	£200.10
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PASCO Wireless Weather Sensor with GPS

An all-in-one instrument for monitoring complex environmental conditions. It houses several sensing elements within a single unit to provide 19 different measurements.

Rotating stand accessory available separately.

- Water resistant
- Logging mode

FREE ACCESSORY KIT WORTH £62*



PS-3209	PASCO Wireless Weather Sensor	£333.09
PS-3553	Weather Vane Accessory	£61.90

Here to help... ☎ 0333 996 1611 @ hello@vittaeducation.com 🌐 vittaeducation.com

ENVIRONMENTAL SCIENCE



PASCO Wireless CO₂ Sensor

The Wireless CO₂ Sensor measures carbon dioxide gas levels and wirelessly streams data to your computers, tablets, and smart phones.



PS-3208 Wireless CO₂ Sensor **£364.15**

PASCO Wireless Sensor – Optical Dissolved Oxygen

Ideal for monitoring dissolved oxygen in the lab or field. The small form factor makes it easy to use with bench scale equipment. With a standard probe tip (12mm) shape and size shared by most solution-based probes and the equipment that houses them, such as PASCO's Photosynthesis Chamber (PS-3251).

Remotely log data using the sensor's built-in memory, or stream your data to your device in real time. After collecting data for hours (or even days!), simply connect the sensor to your device to download your data. With this powerful sensor, educators can explore day and night nutrient cycles, changes in metabolic processes, seasonal changes in water quality, and more.

- Includes 3 meter cable



PS-3246 Optical Dissolved Oxygen **£622.30**

PASCO Photosynthesis Chamber

The PASCO Photosynthesis Chamber allows students to monitor common photosynthesis experiments in a controlled aquatic environment. Monitor direct measurements of oxygen, carbon dioxide, pH, and more, while controlling variables including light, temperature, and nutrient levels. Ideal for exploring aquatic plants, algal beads, and even the consumption of oxygen by respiration.

The Photosynthesis Chamber lid features three convenient ports for sensors with included stoppers to maintain a closed system when sensors aren't in use.

A clear inner chamber allows full sunlight exposure while an opaque outer cover chamber blocks out light.

Nine separate LED lights (white, red, green or blue) allow students to test variables such as light type and plant nutrient uptake and elimination.

Can be used with PASCO Wireless Temperature Sensor, PASCO Wireless Conductivity Sensor and the PASCO Wireless pH Sensor amongst others.



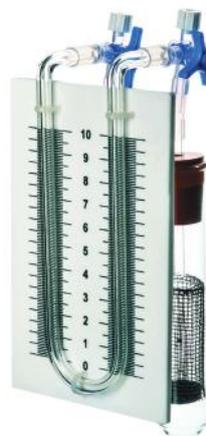
Demonstrate photosynthesis in just one lesson!

PS-3251	PASCO Photosynthesis Chamber	£364.60
PS-3201	PASCO Wireless Temperature Sensor (see page 107)	£117.55
PS-3210A	PASCO Wireless Conductivity Sensor (see page 33)	£183.75
PS-3204	PASCO Wireless pH Sensor (see page 33)	£146.92

Respirometer

Comprising rates of absorption or evolution of gases by small organisms, during respiration.

The apparatus consists of two stoppered boiling tube connected by three-way taps to either limb of the manometer.



VTN12301935 Respirometer **£17.76**

Potometer Apparatus

Measure transpiration rate or humidity this with clever demonstration apparatus

Ideal for studying essential plant physiological processes.

- Includes manual



VTN12301559 Potometer Apparatus **£14.76**



ENVIRONMENTAL SCIENCE

Amazing Bugs Habitat

Handy pop-up habitat can be hung up or set on a table or shelf. Ideal for butterflies and other insects.



VTN12301655 Bug Habitat **£26.28**

Bug Tongs

Ideal to help collect specimens on field trips and reducing harm to insects and organisms.

- Safe and easy to use
- Length: 215mm
- Pack of 5



VTN12301662 Bug Tongs **£14.00**

Pooter (Bug Catcher)

Allows pupils to collect insects (minibeasts) in a hands-on way with easy observation.

- Pack of 2



VTN12301659 Bug Catcher **£6.14**

Soil Test Thermometer

Aluminium cased thermometer used predominantly to check temperatures of soil and compost.

- Coloured knob for visibility
- Stem Length: 210mm
- Range: -15/110°C

Find a wider selection of thermometers on page 106



VTT12300972 Soil Test Thermometer **£11.81**

Three Section Bug Viewer

Double magnifying glass to observe insects, permitting the viewing of living insects due to its air vent system.

Also useful for observing aquatics, feathers, flowers, leaves, coins and other small objects.

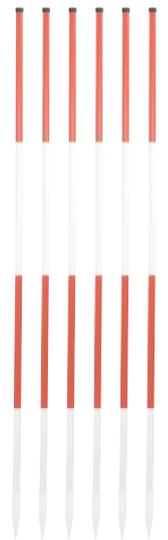


VTN12301658 Bug Viewer **£1.77**

Ranging Poles

2m traditional red and white metal core, plastic covered ranging poles.

- Set of 6



VTN12302204 Ranging Poles **£236.09**

Tullgren Funnel Apparatus

The Tullgren Funnel is a pivotal apparatus in the teaching of soil biology and provides an effective method for extracting and studying small soil-dwelling organisms such as insects, mites, and nematodes.



VTN12301657 Tullgren Funnel **£79.99**

River Model

This compact, easy-to-use, easy-to-clean model aids students in their understanding of flow regulation and homogenisation in river systems.

Ideal to use with a dissection bowl or similar to collect the running water, its design ensures a regular and homogeneous water flow at the source across the entire width of the river and results are easily observed.

- Dimensions: 350x150x20mm

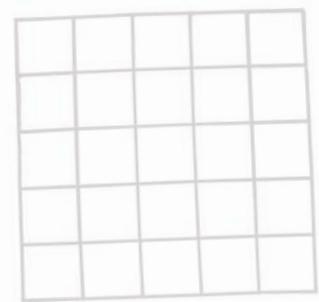


VTT12307259 River Model **£18.36**

Quadrats

Used for population counts and other measurements in the field.

- Choice of folding frame or solid grid
- 500x500mm



VTN12302139 Folding Quadrat Frame **£11.07**

VTN12302141 5x5 Grid Quadrat **£11.62**

ENVIRONMENTAL SCIENCE

Reading Magnifying Glass

Robust reading magnifying glass in a comfortable, easy-to-hold plastic handle. Ideal for reading, close-up examination or to focus light.



VTN12301669	50mm	£1.78
VTT12307215	60mm, Pack of 10	£12.96

Hand Magnifying Glass

Magnifier with metal frame and chrome-plated handle.

- Diameter: 60mm
- Focal Length: 20cm



VTT12301580	Magnifying Glass	£3.10
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Folding Magnifier

Gowland-type portable, compact and lightweight folding magnifier with 10x magnification.

2x plano-convex lenses housed in a protective aluminium case.



VTN12301667	Folding Magnifier	£1.36
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Measuring Tape

Highly durable measuring tape recording both 30m in cm and 100ft in inches.



VTN12301413	Measuring Tape	£19.27
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Clinometer

This user-friendly tool provides an effective way to measure angles and inclinations.



VTN12302195	Clinometer	£16.02
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Open Reel Surveyors Tape

Heavy duty surveyors tape with metric and imperial graduations. PVC-coated tape housed in a strong plastic case with folding winding handle.

- Metal end hook & claw
- 30m / 100ft



VTT12307254	Surveyors Tape	£8.19
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Trundle Wheel

Easy to use for children of all ages with an adjustable distance clicker and large units pointer.

Durable with a rubber tyre to help maintain accuracy.



YSU010010	Trundle Wheel	£15.98
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Designed
for Schools

Moss Safari Kit

Begin your discovery into the microscopic world of science adventure with this KS2-3 kit designed for schools and developed in collaboration with Moss Safari founder, Dr. Andy Chandler-Grevatt.

ALL-IN-ONE KIT

The full kit comes complete in a Gratnells tray with all the essential equipment and activity booklet containing teacher notes, lesson plans and worksheets.



Ideal for science clubs,
introducing microscopy
and transition days





VTT12307061	Moss Safari Kit	£42.00
VTT12307062	Moss Safari Kit + 3x Microscopes*	£179.50
ELB0001	Moss Safari Expedition Guidebook	£25.00

Shop our complete range of Biology products online at vittaeducation.com/biology

ENVIRONMENTAL SCIENCE

Rock Kit

- Set of 15



VTN12302185 Rock Kit **£30.92**

Class Rock Pack, 11 Samples

Contains a variety of igneous, sedimentary and metamorphic rock samples including: gabbro, sandy soil, basalt, chalk, clay soil, limestone, slate, gneiss, marble, sandstone and granite.

Samples may vary.



VTN12302188 Rock Samples **£37.12**

Electric Clinostat

Essential for studying geotropism and phototropism on seedlings, cut shoots and small potted plants.



VTN12301560 Electric Clinostat **£109.56**

Soil Kit

Contains 5x 500g bags of soil samples from the UK, including sandy soil, clay soil, clay loam, chalk loam and chalk soil.

Samples may vary.



VTN12302191 Soil Kit **£9.35**

VTN12302192 Advanced Soil Kit **£11.05**

Rapitest Soil Test Kit

Soil test kit containing four simple tests to determine the pH, nitrogen, phosphorus and potassium status of the soil.



VTN12302129 Soil Test Kit **£66.36**

Plant Moisture Meter with Probe

Instantly tells you when to water your plants. Includes a plant care listing of the individual watering needs of over 150 plants.



VTN12301579 Plant Moisture Meter **£24.50**

Foam Cross Section of Earth Model

Cross Section Earth-This hands-on model makes illustrating the mysteries of the Earth easy. The outside of the model shows the oceans and continents. The Earth's two hemispheres separate to show the four main layers of the Earth: crust, mantle, outer core and inner core, their temperatures and depths.

It's size and foam construction make it easy for students to handle and examine.

- Includes activity guide
- Diameter: 127mm



VTN12302182 Earth Model **£16.59**

UV Detecting Beads

The beads change colour when UV light is detected, making them perfect for demonstrating UV presence in various conditions i.e. sunlight experiments.

- Pack of 100



VTT12306204 UV Detecting Beads **£0.94**

MICROBIOLOGY

Nutrient Agar

A general-purpose solid medium supporting growth of a wide range of non-fastidious organisms.

- 100g



MBM010115 100g £16.50

M13 Mast Rings – Antibiotic Discs

- Pack of 100



VTN12301815 Pack of 100 £107.46

Enzymes Set

A collection of eight enzymes each containing 10g. Includes full teaching notes.



VTN12301850 Set of 8 £84.00

Gram Staining Kit

Helps students determine if bacteria are Gram-positive or Gram-negative.



VTT12307099 Gram Staining £96.76

Mitosis Simulation Lab Investigation

A simple, graphic way to visualise mitosis. Students create chromosome models using coloured pop beads and model each stage of mitosis. This hands-on activity enhances their understanding of cell division, chromosome structure, and function. Students will also learn to differentiate between plant and animal mitosis.

Suitable for up to 40 students.



VTN12301816 Mitosis Simulation Lab Investigation £96.76

Top up this kit from our extensive range of media, reagents and equipment

Introductory Microbiology Kit

Designed as an introduction to the study of micro-organisms, this kit and in-depth workbook contain all the required information to get started, with full instructions on safety, aseptic techniques, growing micro-organisms and their safe disposal.

All of the experiments are set out step by step and cover a range of needs from KS3 through to KS5.



VTN12301819 Introductory Microbiology Kit

£433.00

Looking for Labware?

Find all you need to perform microbiology in the classroom from petri dishes to pipettes.

Discover our labware range from page 82 onwards.



FORENSIC SCIENCE

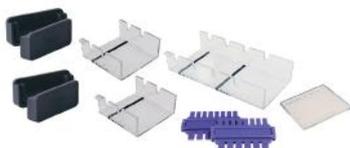


Edvotek M12 Complete Electrophoresis Package

Run the full spectrum of horizontal electrophoresis experiments with this versatile package! The M12 Complete supports one or two student groups in two standard length gel trays for experiments that require less separation, or one long gel tray for experiments that require more.

Designed with large colour-coded push tabs for easy lid insertion/removal and produces excellent results in 15-30 minutes.

- Comes complete with a set of electrophoresis accessories
- Pour spout for buffer disposal
- User replaceable electrodes
- Lifetime manufacturer warranty



VTT12307208 Edvotek M12 Electrophoresis Package

£184.50

Edvotek M36 HexaGel Electrophoresis Apparatus

The M36 Electrophoresis Apparatus supports up to six groups of students and produces excellent results in 30-40 minutes.

Features large colour-coded push tabs for easy lid insertion and removal with well designed ventilation to reduce lid condensation.

- Includes complete set of accessories
- Contoured lid for enhanced gel visualisation
- Pour Spout for Buffer Disposal
- User Replaceable Electrodes
- Lifetime manufacturer warranty



VTT12307209 Edvotek M36 HexaGel Electrophoresis Apparatus

£506.20

Edvotek EdvoCycler 2 Classroom PCR Machine

The Edvotek EdvoCycler™ 2, with a 48-well capacity, features an easy-to-use and high-contrast touch-screen complete with an inbuilt computer, simplifying operation since no secondary device is required to complete a cycle.

- 7" HD colour touch-screen
- Capacity: 48x0.2mL PCR Samples
- Temperature Range: 4-99°C
- 3-year manufacturer warranty



VTT12307083 Edvotek EdvoCycler 2

£1,374.98

Edvotek Activity Kits

Edvotek has developed innovative biotechnology products that empower learners, shaping the future of STEM education. These best-selling experiments cover genetic engineering, molecular biology, immunology, medical diagnostics, CRISPR, and more.



VTT12306972	PCR Amplification of DNA	£119.95
VTT12306973	DNA Fingerprinting using PCR	£140.90
VTT12307085	Whose DNA Was Left Behind?	£48.93
VTT12307086	DNA Paternity Testing Simulation	£80.80
VTT12307087	Cancer Gene Detection	£80.80
VTT12307088	DNA Fingerprinting by PCR Amplification	£79.98
VTT12307089	DNA Fingerprinting Using Restriction Enzymes	£99.93
VTT12307090	Alu Human DNA Typing Using PCR	£131.30
VTT12307091	Exploring the Genetics of Taste: SNP Analysis of the PTC Gene	£149.25
VTT12307092	Water Quality Testing III: PCR Testing of Water Contaminants	£224.20

Shop the full range of Edvotek equipment and activity kits online at vittaeducation.com

FORENSIC SCIENCE

Edvotek EDGE Electrophoresis System

Revolutionise biotechnology with an integrated electrophoresis chamber, power supply and blue light in one single, safe and easy-to-use apparatus.

It runs a 10x 7cm gel in less than 20 minutes with crisp band resolution while enabling real-time visualisation of DNA migration.



VTT12307081 Edvotek EDGE Electrophoresis System

£239.98

Edvotek TruBlu 2 Blue/White Transilluminator

Enable visualisation of both SYBR® safe stained DNA gels and blue stained DNA or protein gels with this transilluminator.

Enough surface area to simultaneously view up to eight 7x7cm gels whilst it combines the traditional standalone blue light or white light units.

- Dual light modes
- Viewing surface: 27x15cm
- Safe non-UV wavelength



VTT12307082 Edvotek TruBlu 2 Transilluminator

£294.98

Edvotek EdvoCycler Jr. Personal PCR Machine

A miniaturised version of larger PCR units with a sleek form, and a 16-well capacity to run individual PCR experiments. It features an easy-to-use and high-contrast touch-screen complete with an inbuilt computer, simplifying operation since no secondary device is required to complete a cycle.

- 7" HD colour touch-screen
- Displays real-time cycling data
- Inbuilt computer
- Includes pre-set PCR programs
- Holds 16x 0.2ml PCR samples
- Temperature Range: 14-99°C
- Maximum Ramp Rate: 3.5°C/sec
- Instant incubate function
- Heated lid to prevent evaporation
- Full range of PCR kits available
- Universal voltage



Includes 3-Year Warranty

VTT12306970 Edvotek EdvoCycler Jr

£665.00

QuadraSource Power Supply

Power any combination of Edvotek units with this mighty power supply! Features an easy-to-use, full programmable interface for setting voltage, current or timer control with each parameter displayed in real-time.

- 300 Volts (Max)



VTT12307243 Edvotek QuadraSource

£464.94

Edvotek EDGE PCR LabStation

Get your class ready for forensic discovery with a choice of LabStation kits utilising the range of Edvotek PCR machines and equipment.

PCR LabStation includes:

- 1x EDGE Integrated Electrophoresis System
- 1x EdvoCycler Jr Personal PCR Machine
- 1x Variable Micropipette (5-50ul)

Classroom LabStation includes:

- 1x EdvoCycler 2 Classroom PCR Machine
- 6x EDGE Integrated Electrophoresis System
- 6x Variable Micropipette (5-50ul)
- 1x Water Bath (3L)



VTT12306971 Edvotek EDGE PCR LabStation

£891.50

VTT12307084 Edvotek EDGE Classroom PCR LabStation

£3,749.00

Shop our complete range of Biology products online at vittaeducation.com/biology

FORENSIC SCIENCE

Forensic Chemistry: Dusting for Fingerprints

Dust for fingerprints using the oldest and most commonly used method of fingerprint detection and learn to identify and classify different types of fingerprints from their distinguishing characteristics.



Spark imagination and add some theatre to your chemistry lessons with these all-in-one kits

Plastic 12 Cavity Spotting Tiles

High quality polypropylene tile with 12 cavities.

- Pack of 10



VTN12301693 Forensic Chemistry: Dusting for Fingerprints

£61.85

VTT12306011 Spotting Tiles

£4.53

Forensic Mystery with Synthetic Blood Kit

In this activity kit, students act as lab technicians and assist investigators by examining evidence collected at a crime scene. Includes teacher resources, student worksheets and enough materials for 10 groups.



VTN12301701 Forensic Mystery with Synthetic Blood Kit

£59.00

Gunshot Residue Presumptive Test Kit

This is a two-part test to determine whether a surface has been exposed to a discharged firearm. A rapid colour change takes place to verify the presence of nitrates and lead.

- Contains enough material for 30 tests



VTN12301692 Gunshot Residue Presumptive Test Kit

£38.11

FORENSIC SCIENCE

**Great lessons
in no time!**
Save time with
all-in-one EduLab
Lesson Kits

EduLab Simulated HIV/AIDS Testing Kit

This is an exciting, real life science lesson activity which uses real laboratory techniques for demonstrating the HIV test for AIDS. The test uses simulated blood and reagents which are completely safe in the hands of students and teachers. This kit has been used extensively by United Nations in its UNESCO outreach work worldwide.

- Sufficient materials to suit a class of 30 students
- Uses artificial blood and sera



VTN12301719 EduLab Simulated HIV/AIDS Testing Kit

£64.71

Forensic Chemistry of Blood Types

Blood typing is a method of classifying blood based on the presence or absence of specific proteins, called erythrocytes, on the surface of red blood cells. Blood type, an inherited characteristic, is valuable to know in that it affects medical procedures, such as surgery and transfusions or paternity testing, as well as serving as evidence in criminal investigations. Determining blood type can help provide supporting evidence or eliminate a possible suspects involvement in a crime.

- Includes teacher's manual, student guide and worksheets
- Uses simulated blood, safe for classroom use
- Contains enough material for 15 groups



VTN12301695 Forensic Chemistry of Blood Types

£52.38

Forensic Chemistry of Drug Detection

Everyone who ate the school cafeteria's chilli became ill. Could someone have tainted it? This kit puts students into the role of a forensic toxicologist with their task to determine if any of the cafeteria ingredients could have been substituted with aspirin.

Students perform a series of chemical tests, including tests on control aspirin in the lab to find out the answers in this fun and engaging activity.

- Includes teacher's manual, student guide and worksheets
- Contains enough material for 15 groups



VTN12301700 Forensic Chemistry of Drug Detection

£42.02

Simulated ABO/Rh Blood Typing Kit

This activity provides the most procedurally accurate simulation of the blood typing technique available. Allow students to test and determine the ABO/Rh blood types of four different simulated blood samples.

Kit contains enough materials for 10 groups.



VTN12301716 Simulated ABO/Rh Blood Typing Kit

£46.98

VTN12301717 Refill Kit

£22.79

Did you know... You can save more time in the prep room with downloadable lesson plans and equipment links online at vittaeducation.com/lesson-plans



CHEMISTRY

Organic Chemistry Kit No 2 (34BU)

Comes with foam surround for safe storage and transportation.



CH0878 Organic Chemistry Kit No 2 (34BU)

£90.05

Organic Chemistry Kit No 1 (27BU)

This set contains 9 items with 14/23 joint size for maximum versatility.

Housed in die-cut foam lined box.



CH0876 Organic Chemistry Kit No 1 (27BU)

£60.69

Fractional Distillation Assembly

Made from borosilicate glass with joint sizes of 19/26.

Complete assembly comprises of the following components: Round-bottom Boiling Flask, Vigreux Column, Liebig Condenser, Receiver adapter vacuum, Erlenmeyer Flask and 4x Joint Clips.



VTN12302033 Fractional Distillation Assembly

£2746

Distillation Apparatus

This complete distilling kit is made of high quality borosilicate glass.



Looking for
more glassware
Take a look at
the wider range
from page 92

VTN12302015 Distillation Apparatus

£47.71

CHEMISTRY

Science in the Kitchen – Chemistry Kit

This kit explores scientific techniques using everyday kitchen materials. Students will perform chromatography on food colouring, identify an unknown ingredient through chemical tests, examine how a meat tenderizer breaks down protein, use titration to measure vitamin C, test an unknown juice or soda (not included), and compare soaps and detergents used for cleaning.

- Contains enough materials for 15 groups



VTN12302029 Science in the Kitchen – Chemistry Kit

£156.56

Nylon 6-10 Rope Trick

Demonstrate polymer chemistry by making Nylon 6-10, a synthetic compound made of repeating chemical units.

The kit includes enough reagents for five demonstrations and comes with instructions.



VTN12302018 Nylon 6-10 Rope Trick

£27.68

Properties of Shampoo

Learn about the role of several shampoo ingredients and test several properties of different shampoos which are included in the kit. Contains enough materials for fifteen groups.

- Includes teacher instructions and workbook



VTN12302004 Properties of Shampoo

£37.56

Simple Gas Preparation Kit

A simple 'self storage' kit for producing gasses which can be collected over water.



VTN12302032 Gas Preparation Kit

£25.93

Smart Putty

This remarkable visco-elastic polymer or dilatant compound usually behaves as a soft mouldable plastic (like chewing gum), but instantly becomes a rubber if impacted.



VTN12302042 Smart Putty

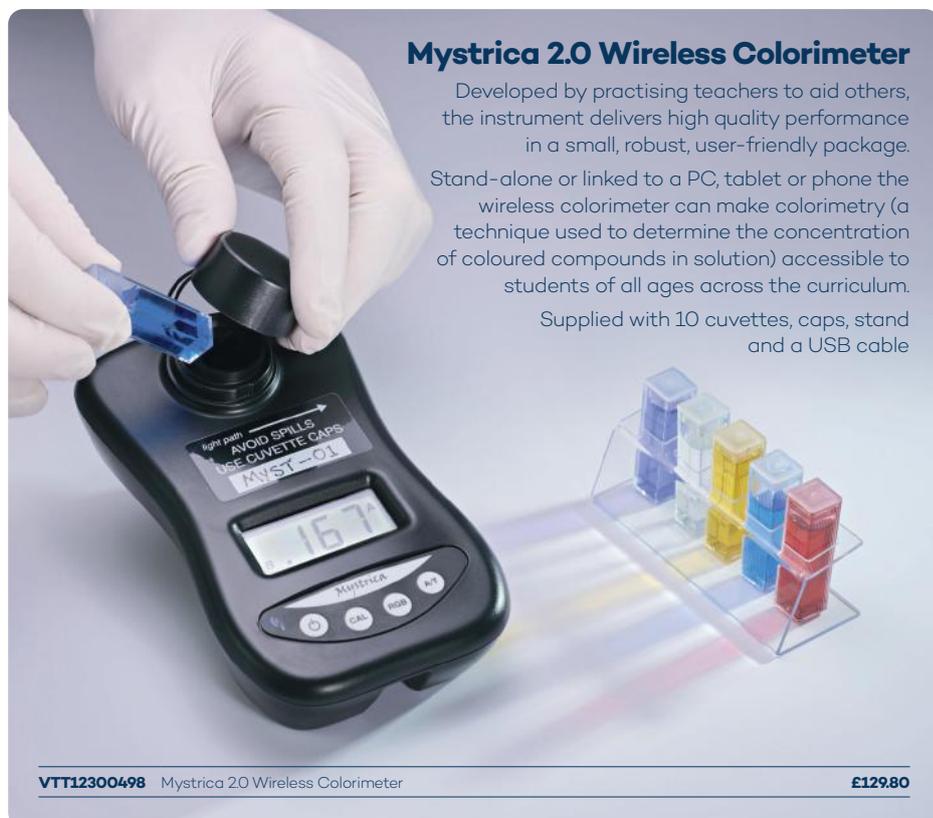
£3.99

Mystrica 2.0 Wireless Colorimeter

Developed by practising teachers to aid others, the instrument delivers high quality performance in a small, robust, user-friendly package.

Stand-alone or linked to a PC, tablet or phone the wireless colorimeter can make colorimetry (a technique used to determine the concentration of coloured compounds in solution) accessible to students of all ages across the curriculum.

Supplied with 10 cuvettes, caps, stand and a USB cable



VTT12300498 Mystrica 2.0 Wireless Colorimeter

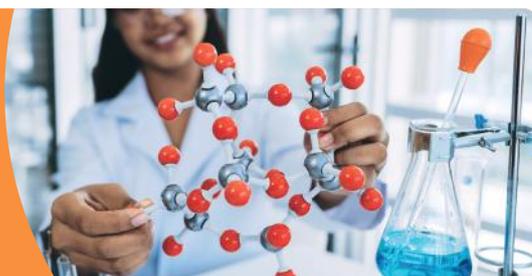
£129.80

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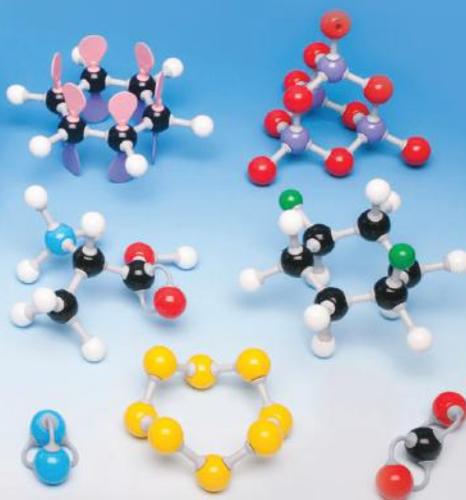
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Molecular Model Student Set MMS-009

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VTN12301962 MolyMod Molecular Model Student Set

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Molecular Model Teacher Set

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VTN12301958 MMS-004

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MolyMod Biochemistry Teacher Set: MMS-007

A semi-space filling set for making a wide range of biochemistry molecular models. 262 atoms supplied in two large boxes.

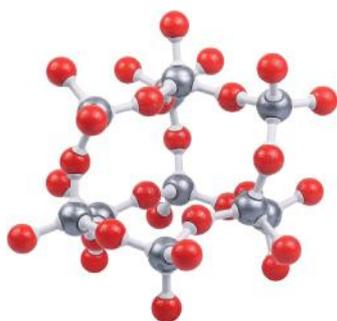


VTN12301868 MMS-007

£53.85

MolyMod Quartz Molecular Model

Also known as Silicon Dioxide. Supplied with instructions for self assembly.

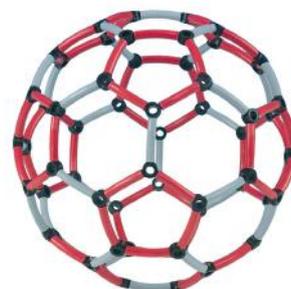


VTN12301948 Quartz Molecular Model

£10.93

MolyMod Orbit Carbon 60 – Fullerene

These robust models contain sufficient atoms to see the relationships between structure and physical properties.



MLM035030 Orbit Carbon 60 – Fullerene

£9.98

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Flat Electrodes

- 125x25mm

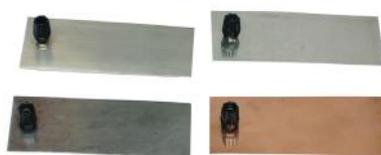


VTN12302069	Aluminium	£0.81
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VTN12302071	Iron	£0.63
VTN12302072	Lead	£1.64
VTN12302073	Zinc	£1.18

Flat Metal Electrode with Binding Post

A selection of metals used for assembling voltaic cells and electrolysis experiments etc.

- 125x25mm



VTN12302074	Aluminium	£0.93
VTN12302076	Copper	£4.86
VTN12302077	Lead	£2.10
VTN12302078	Zinc	£2.81

Carbon Electrode Rods

Very high quality electrodes rod used for student's electrochemical experiments.

- 100mm x 5mm
- Pack of 50



VTN12302028	Carbon Electrode Rods	£13.90
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Hoffman Voltmeter with Electrodes

Demonstrate the chemical composition of water and production of gases through chemical reactions.

Requires stand assembly, rod, and 12V DC power supply.



VTN12302026	Voltmeter with Electrodes	£48.73
CHO740F	Stand Assembly	£15.98

Electrolysis Cells

Ideal apparatus for quick demonstration of electrolysis.

Comprises of an open-ended glass tube fitted with two carbon electrodes by means of a rubber stopper.



VTT12303259	Electrolysis Cells	£3.55
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Lascells Electrode Holder

Designed to hold standard 5mm carbon rods or strip metal electrodes.

- Length: 130mm



VTN12302689	Electrode Holder	£7.18
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PASCO Voltaic Cell

Voltaic cell sets are ideal for demonstrating the characteristics of battery cells.

This set includes one plastic cell, complete with a screw-on plastic ring, two adjustable electrode holders, a porous ceramic cup and ten electrodes.

1x aluminium, 1x nickel, 1x tin, 1x graphite, 1x iron, 1x copper, 2x lead and 2x zinc.

Electrolyte is not included.



SE-7249	PASCO Voltaic Cell	£52.19
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CHEMISTRY



Get students excited about lessons with MICROSCIENCE

Microscience is the perfect way to bring hands-on learning into the classroom when budgets and resources are tight. Ideal for small groups or individual learning, the small kits deliver big results for those in secondary education.

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- Low environmental risk
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- Curriculum-based worksheets available



EduLab Microscience – Basic Student Kit

The basic student kit opens up the opportunity to perform over a hundred chemical experiments previously requiring macro-scale apparatus.

Topics that may be covered with this kit include: Chemical Equilibrium, Acid Base Chemistry, Rates of Reaction, Stoichiometry, Reactions of Metals, Enthalpy Changes, Reactivity of Group 7 Elements, Industrial Pollution and Diffusion.



VTN12302005 EduLab Microscience – Basic Student Set

£18.44

EduLab Microscience – Comboplate Set

The 60-well microplate has 48x small wells (0.3ml) and 12x large wells (2.5ml). For use in microtitration and other experiments.

- Pack of 20



VTN12302009 Comboplate Set

£28.26

EduLab Microscience – Biology, Physics & Chemistry Work Station

This Microscience Kit encompasses a large proportion of the Year 10 (Key Stages 3 & 4) practical curriculum.

Designed for individual use or in small groups.

Worksheets and guides are available to complement this workstation.



VTN12302027 Microscience Work Station

£126.97

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EduLab Microscience – Micro Burner

Spare micro burners for use in various Microscience experiments. Supplied in a pack of 20.



VTN12302011 Micro Burner £19.08

EduLab Microscience – Combostill Kit

The combostill is designed to replace expensive organic chemistry equipment.

Comes with a comboplate, apparatus and manual.



VTN12302007 Combostill Kit £79.51

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Kits*

EduLab Microscience – Advanced Student Kit

The Advanced Microscience Kit provides all the physical hardware required to perform the experiments incorporated in the basic kit.



VTN12302006 EduLab Microscience – Advanced Student Kit

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EduLab Microscience – Student Titration Kit

Designed for accurate and efficient titrations in secondary school experiments with an accuracy up to 2 decimal points.

Kit includes two pipettes, two syringes and titration stand.

- Comboplate sold separately

VTN12302008 Student Titration Kit

£7.38

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PASCO UV-Vis Spectrometer

The SE-3607 is an easy-to-use, wide range UV-Vis spectrometer that delivers fast, accurate and reliable performance for routine analyses in chemistry and biochemistry teaching.

Additional accessories can be used to further extend the spectrometer's capabilities and uses in educational environments.



SE-3607 PASCO UV-Vis Spectrometer

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**BEST
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PASCO Wireless Light Sensor

The Wireless Light and Colour Sensor features two separate apertures: One measures ambient light from the side of the box, and the other measures percent colour of directional light at the end of the box.



PS-3248	Wireless Light Sensor	£130.44
PS-3338	8-Pack	£1,151.93



PASCO Wireless Colorimeter & Turbidity Sensor

Simultaneously measures the absorbance and transmittance of six different wavelengths.



PS-3215 Wireless Colorimeter & Turbidity Sensor

£234.07

PASCO Wireless Spectrometer

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Curvette not included. Available separately.



PS-2600A	PASCO Wireless Spectrometer	£727.09
SE-8739	Curvettes and Caps	£33.99



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CHEMISTRY – MEASUREMENT

PASCO Wireless Drop Counter

Able to measure up to 40 events per second with drops as small as 0.5mm.



PS-3214 Wireless Drop Counter **£210.24**

PASCO Wireless Conductivity Sensor

Ideal for measuring the electrical conductivity of aqueous solutions and investigating their ionic properties, including calculations for total dissolved solids (TDS), often used for water quality inquiries.



PS-3210A Wireless Conductivity Sensor **£183.75**

PASCO Chemistry Starter Lab Station

The Chemistry Starter Lab Station makes it easy and affordable to begin using sensor-based technology in your chemistry classroom or at home.

Inside the Starter Lab Station are the wireless sensors used to perform lab activities from the included Essential Chemistry Student Lab Manual.

Available separately is the Chemistry Extension Lab Station (EC-6363) which, when combined with the Chemistry Starter Lab Station, comprises the set of wireless sensors used to perform most of the labs inside the Essential Chemistry Student Lab Manual, plus many other lab activities.



EC-6362 PASCO Chemistry Starter Lab Station **£535.29**

EC-6363 PASCO Chemistry Extension Lab Station **£1,203.31**

PASCO Melting Point Apparatus

A melting point can be used for determining the identity and purity of compounds. With a sample in a capillary tube, the built-in 3x magnifying eyepiece allows students to observe the melting process easily.

Pair the device with one of PASCO's free software to graph temperatures as you monitor physical changes of substances you are melting.

Compatible with the USB Eye Piece Camera (SE-6215), to record the process for real time viewing, video playback and class analysis.

- Fast heating and cooling times
- Bluetooth connection
- USB camera (below) sold separately



FREE! Eyepiece Camera worth £218!



PS-3239 PASCO Melting Point Apparatus **£1,045.30**

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SE-2236 PASCO Capillary Tubes (Pack of 500) **£28.73**

PASCO Wireless pH Sensor

The Wireless pH Sensor is a must-have for any chemistry, biology, or environmental science course. Equally capable in the lab or field, the sensor eliminates the hassle of cables, reducing spills and improving safety. Logs pH data directly onto the sensor for long-term experiments.



PS-3204 PASCO Wireless pH Sensor **£146.92**

PASCO Wireless Pressure Sensor

Allow students to easily collect accurate gas pressure data for a wide range of applications.



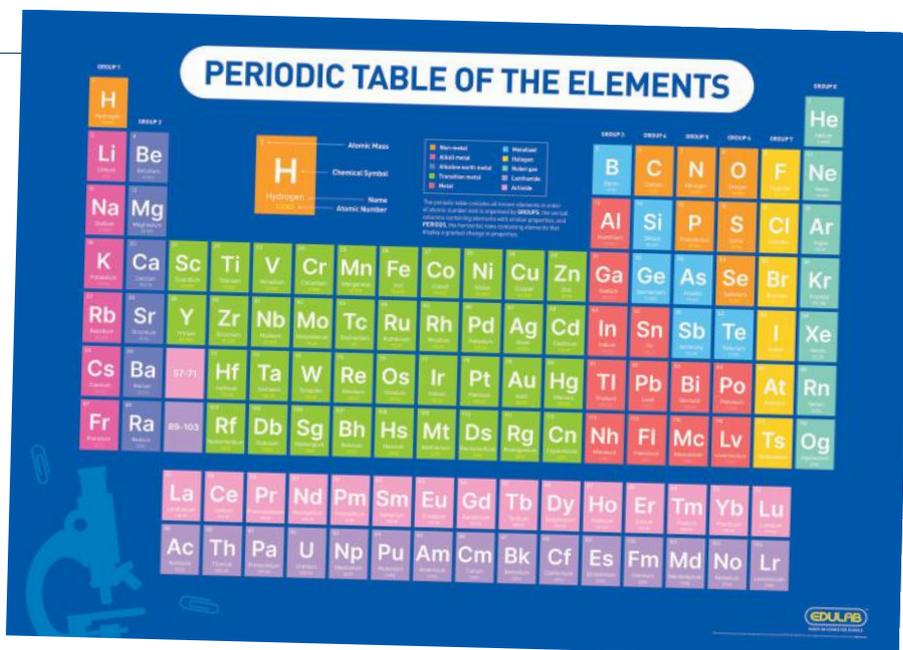
PS-3203 Wireless Pressure Sensor **£171.16**

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EduLab Periodic Table of the Elements Poster

A1 poster, comes folded to A4.



450-106 EduLab Periodic Table of the Elements Poster

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Enzymes

Enzymes are used in experiments to demonstrate their role as biological catalysts, specifically to speed up biochemical reactions. The most common (amylase, protease, and lipase) break down starch, proteins, and fats, respectively.

Ideal for use in experiments investigating how factors like pH and temperature affect enzyme activity.



Code	Description	Vol	Cas No	RRP	VITTA Price*
SCH0218	Amylase	10g	9000-90-2	£4.98	£4.23
SCH0219	Amylase	25g	9000-90-2	£11.21	£9.53
SCH0276	Diastase From Malt	10g	9000-92-4	£10.21	£8.68
SCH0275	Diastase From Malt	100g	9000-92-4	£14.26	£12.12
SCH0324	Lipase	25g	9001-62-1	£28.79	£24.47
SCH0323	Lipase	10g	9001-62-1	£14.35	£12.20
SCH0361	Pancreatin (from pig pancreas)	100g	8049-47-6	£14.98	£12.73
SCH0429	Trypsin (250U/mg)	100g	9002-07-7	£118.56	£100.78
SCH0430	Trypsin (250U/mg)	10g	9002-07-7	£20.29	£17.25
SCH0431	Trypsin (250U/mg)	25g	9002-07-7	£26.81	£22.79
SCH0432	Trypsin (250U/mg)	50g	9002-07-7	£40.01	£34.01

GHS Labels

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- 250 labels per roll
- Label size: 20x20mm



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VTT12307245	Flammable	£12.58
VTT12307246	Explosive	£12.58
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VTT12307251	Environmental Hazard	£12.58
VTT12307252	Irritant	£12.58

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- 24/7 access to MSDS (Material Safety Data Sheets) via our website

**S&C**

Code	Chemical Description	Vol	Cas No	UN Number	Pack Group	Haz Class	LQ	RRP	VITTA Price*
SCH0021	1-Bromobutane LR	100ml	109-65-9	1126	II	3.0	1L	£11.67	£9.92
SCH0022	1-Chlorobutane LR	100ml	109-69-3	1127	II	3.0	1L	£13.16	£11.19
SCH0023	1-Iodobutane LR	25ml	542-69-8	1993	III	3.0	5L	£18.08	£15.37
SCH0198	2,6-Dichlorophenolindophenol (Dcpip)	1g	620-45-1	NR	none	none	none	£4.81	£4.09
SCH0200	2,6-Dichlorophenolindophenol	5g	620-45-1	NR	none	none	none	£19.46	£16.54
SCH0199	2-6 Dichlorophenolindophenol Tablets	Pack of 10	620-45-1	NR	none	none	none	£7.25	£6.16
SCH0024	2-Bromo-2-Methylpropane LR	25ml	507-19-7	2342	II	3.0	1L	£19.88	£16.90
SCH0025	2-Bromobutane	100ml	78-76-2	2339	II	3.0	1L	£26.17	£22.24
SCH0026	2-Chlorobutane LR	100ml	78-86-4	1127	II	3.0	1L	£19.86	£16.88
SCH0028	2-Methylpropan-2-ol	500ml	76-65-0	1120	II	3.0	1L	£9.31	£7.91
SCH0027	2-Methylpropan-2-ol	100ml	76-65-0	1120	II	3.0	1L	£5.09	£4.33
SCH0029	Acetic Anhydride	100ml	108-24-7	1715	II	8.0	1L	£8.75	£7.44
SCH0030	Acetic Anhydride	500ml	108-24-7	1715	II	8.0	1L	£16.50	£14.03
SCH0031	Acetic Orcein	100ml	14400-62-0	2790	III	8.0	5L	£14.75	£12.54
SCH0032	Acetone (Propanone)	500ml	67-64-1	1090	II	3.0	1L	£4.95	£4.21
SCH0033	Adipoyl Chloride 5% in Cyclohexane	100ml	n/a	1145	II	3.0	1L	£20.51	£17.43
SCH0201	Agar Powder	100g	9002-18-0	NR	none	none	none	£9.83	£8.36
SCH0202	Agar Powder	250g	9002-18-0	NR	none	none	none	£19.43	£16.52
SCH0203	Albumen Egg Powder	100g	n/a	NR	none	none	none	£7.76	£6.60
SCH0204	Aluminium Ammonium Sulphate	500g	7784-26-1	NR	none	none	none	£8.35	£7.10
SCH0205	Aluminium Hydroxide	500g	7429-90-5	NR	none	none	none	£47.17	£40.09
SCH0034	Aluminium Metal Powder Fine	250g	7429-90-5	1396	II	4.3	0.5kg	£15.85	£13.47
SCH0035	Aluminium Nitrate 9H2O	250g	7784-27-2	1438	III	5.1	5kg	£10.45	£8.88
SCH0206	Aluminium Oxide Calcined	500g	1344-28-1	NR	none	none	none	£8.73	£7.42
SCH0208	Aluminium Potassium Sulphate	1kg	7784-24-9	NR	none	none	none	£19.89	£16.91
SCH0207	Aluminium Potassium Sulphate 12 Water	500g	7784-24-9	NR	none	none	none	£12.86	£10.93
SCH0209	Aluminium Sulphate 16H2O Pure	500g	16828-11-8	NR	none	none	none	£5.41	£4.60
SCH0210	Aminoacetic Acid LR	100g	56-40-6	NR	none	none	none	£6.00	£5.10
SCH0036	Ammonia Solution 35% W/W Pure	25L	1336-21-6	2672	III	8.0	5L	£13.71	£11.65
SCH0211	Ammonium Acetate LR	500g	631-618	NR	none	none	none	£11.45	£9.73
SCH0212	Ammonium Carbonate Pure	500g	10361-29-2	NR	none	none	none	£8.24	£7.00
SCH0213	Ammonium Chloride LR	500g	12125-02-9	NR	none	none	none	£6.12	£5.20
SCH0214	Ammonium Iron (III) Sulphate 12H2O AR	500g	7783-83-7	NR	none	none	none	£21.71	£18.45
SCH0037	Ammonium Metavanadate LR	100g	7803-55-6	2859	II	6.1	0.5kg	£21.25	£18.06
SCH0215	Ammonium Molybdate 4H2O LR	100g	12054-85-2	NR	none	none	none	£18.96	£16.12
SCH0038	Ammonium Nickel II Sulphate 6H2O	100g	7785-20-8	3288	III	6.1	5kg	£17.11	£14.54
SCH0001	Ammonium Nitrate Pure	500g	6484-52-2	1942	III	5.1	5Kg	£9.19	£7.81
SCH0216	Ammonium Sulphate	500g	7783-20-2	NR	none	none	none	£5.85	£4.97
SCH0217	Ammonium Thiocyanate Pure	50g	1762-95-4	NR	none	none	none	£5.09	£4.33
SCH0039	Aniline	100ml	62-53-3	1547	II	6.1	100ml	£11.67	£9.92
SCH0040	Aniline Hydrochloride	100g	142-04-1	1548	III	6.0	5kg	£28.01	£23.81
SCH0220	Anthranilic Acid Pure	100g	118-92-3	NR	none	none	none	£15.01	£12.76
SCH0221	Anti-Bumping Granules	250g	1344-28-1	NR	none	none	none	£5.85	£4.97

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VTN12301470 Biohazard £9.60

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- Roll width: 25mm
- Roll length: 66m



613-035 Poison £9.60

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VTT12307070	Medium	£4.24
VTT12307071	Large	£4.24
VTT12307072	Extra Large	£4.24

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Code	Chemical Description	Vol	Cas No	UN Number	Pack Group	Haz Class	LQ	RRP	VITTA Price*
SCH0002	Barium Chloride Pure	500g	10326-27-9	1564	III	6.1	5kg	£11.58	£9.84
SCH0003	Barium Hydroxide 8H2O	500g	12230-71-6	3262	II	8.0	1kg	£18.84	£16.01
SCH0004	Barium Nitrate	250g	10022-32-8	1446	II	5.1	1kg	£18.04	£15.33
SCH0005	Barium Peroxide	250g	10022-32-8	1446	II	5.1	1kg	£47.18	£40.10
SCH0041	Barium Peroxide Pure	100g	1304-29-6	1449	II	5.1	1kg	£20.41	£17.35
SCH0222	Barium Sulphate	500g	7727-43-7	NR	none	none	none	£9.25	£7.86
SCH0043	Benedicts Solution Qualitative	2.5L	63126-89-6	3082	III	9.0	5L	£10.15	£8.63
SCH0042	Benedict's Solution Quantitative	500ml	n/a	3082	III	9.0	5L	£12.56	£10.68
SCH0223	Benzoic Acid	100g	65-85-0	NR	none	none	none	£6.73	£5.72
SCH0224	Benzyl Alcohol	250ml	100-51-6	NR	none	none	none	£6.81	£5.79
SCH0225	Bicarbonate Indicator	500ml	n/a	NR	none	none	none	£3.41	£2.90
SCH0226	Biuret Reagent	2.5L	108-19-0	NR	none	none	none	£16.00	£13.60
SCH0227	Biuret Reagent	500ml	108-19-0	NR	none	none	none	£4.42	£3.76
SCH0044	Bleaching Powder LR	500g	7778-54-3	2208	III	5.1	5kg	£10.02	£8.52
SCH0228	Boric Acid Powder Pure	500g	10043-35-3	NR	none	none	none	£7.90	£6.72
SCH0229	Bromocresol Green	5g	76-60-8	NR	none	none	none	£13.52	£11.49
SCH0230	Bromophenol Blue (pH Indicator)	5g	115-39-9	NR	none	none	none	£6.99	£5.94
SCH0045	Bromophenol Blue 0.04% Ind Sol	500ml	n/a	1170	III	3.0	5L	£8.36	£7.11
SCH0231	Bromothymol Blue (pH Indicator)	5g	76-59-5	NR	none	none	none	£7.33	£6.23
SCH0046	Bromothymol Blue 0.04% Ind Sol	500ml	76-59-5	1170	III	3.0	5L	£7.76	£6.60
SCH0232	Bromothymol Blue 0.04% Ind Sol	100ml	76-59-5	NR	none	none	none	£3.67	£3.12
SCH0233	Buffer Solution pH10 Borate	500ml	n/a	NR	none	none	none	£4.75	£4.04
SCH0234	Buffer Solution pH2 Glycine	500ml	n/a	NR	none	none	none	£4.75	£4.04
SCH0235	Buffer Solution pH3 Phthalate	500ml	n/a	NR	none	none	none	£4.75	£4.04
SCH0236	Buffer Solution pH4 Phthalate	500ml	n/a	NR	none	none	none	£4.75	£4.04
SCH0237	Buffer Solution pH5 Phthalate	500ml	n/a	NR	none	none	none	£5.78	£4.91
SCH0238	Buffer Solution pH6 Phosphate	500ml	n/a	NR	none	none	none	£4.75	£4.04
SCH0239	Buffer Solution pH7 Phosphate	500ml	n/a	NR	none	none	none	£4.75	£4.04
SCH0240	Buffer Solution pH8 Borate	500ml	n/a	NR	none	none	none	£4.75	£4.04
SCH0241	Buffer Solution pH9 Borate	500ml	n/a	NR	none	none	none	£4.75	£4.04
SCH0242	Buffer Tablets pH4	Pack of 50	n/a	NR	none	none	none	£15.31	£13.01
SCH0243	Buffer Tablets pH7	Pack of 50	n/a	NR	none	none	none	£14.66	£12.46
SCH0244	Buffer Tablets pH9.2	Pack of 50	n/a	NR	none	none	none	£15.21	£12.93
SCH0047	Butan-1-Ol Pure	500ml	71-36-3	1120	III	3.0	5L	£7.96	£6.77
SCH0048	Butan-2-Ol	2.5L	78-92-2	1130	III	3.0	5L	£28.38	£24.12
SCH0049	Butan-1-Ol Pure	2.5L	71-36-3	1120	III	3.0	5L	£20.23	£17.20
SCH0050	Butan-2-Ol Pure	500ml	78-92-2	1130	II	3.0	5L	£11.18	£9.50
SCH0051	Butanal LR	100ml	123-72-8	1129	II	3.0	1L	£10.94	£9.30
SCH0052	Butanoic Acid	100ml	107-92-6	2820	III	8.0	5L	£6.63	£5.64
SCH0053	Butanone	1L	78-93-3	1193	II	3.0	1L	£15.81	£13.44
SCH0054	Caffeine Powder	25g	58-08-2	1544	III	6.1	5kg	£8.01	£6.81
SCH0055	Calcium Carbide Pure	100g	75-20-7	1402	II	4.3	0.5kg	£5.68	£4.83
SCH0245	Calcium Carbonate (Precipitated)	1kg	471-34-1	NR	none	none	none	£7.23	£6.15
SCH0246	Calcium Carbonate (Precipitated)	500g	471-34-1	NR	none	none	none	£5.06	£4.30
SCH0247	Calcium Chloride 2H2O	100g	10035-04-8	NR	none	none	none	£3.71	£3.15
SCH0248	Calcium Chloride 2H2O Pure	500g	10035-04-8	NR	none	none	none	£8.26	£7.02
SCH0249	Calcium Chloride 6H2O Pure	500g	7774-347	NR	none	none	none	£19.21	£16.33
SCH0250	Calcium Chloride Anhydrous Granular	500g	10043-52-4	NR	none	none	none	£5.85	£4.97
SCH0251	Calcium Hydroxide Pure	1kg	1305-62-0	NR	none	none	none	£9.19	£7.81
SCH0252	Calcium li Oxide Lump	500g	1305-78-8	1910	III	8.0	none	£8.61	£7.32
SCH0056	Calcium Nitrate 4H2O Pure	500g	13477-34-4	1454	III	5.1	5kg	£10.41	£8.85
SCH0253	Calcium Oxide Fine Powder	500g	1305-78-8	1910	III	8.0	none	£8.83	£7.51
SCH0254	Calcium Oxide Lump Technical Grade	1kg	1305-78-8	1910	III	8.0	none	£7.18	£6.10
SCH0255	Calcium Sulphate 1/2H2O	5kg	10034-76-1	NR	none	none	none	£26.14	£22.22
SCH0256	Calcium Sulphate 2H2O	500g	10101-41-4	NR	none	none	none	£5.95	£5.06

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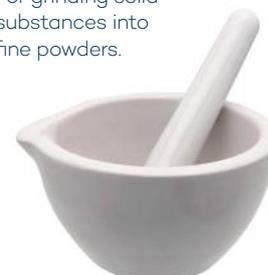
CHEMICALS

Code	Chemical Description	Vol	Cas No	UN Number	Pack Group	Haz Class	LQ	RRP	VITTA Price*
SCH0257	Carbamide	500g	57-13-6	NR	none	none	none	£7.39	£6.28
SCH0258	Castor Oil	500ml	8001-79-4	NR	none	none	none	£7.99	£6.79
SCH0259	Charcoal Decolourising Powder (Activated)	500g	7440-44-0	NR	none	none	none	£15.92	£13.53
SCH0057	Chloral Hydrate	500g	302-17-0	2811	III	6.1	5kg	£35.98	£30.58
SCH0058	ChloroForm LR	500ml	67-66-3	1888	III	6.1	5L	£13.47	£11.45
SCH0260	Chromium III Potassium Sulphate 12H2O	100g	7788-99-0	NR	none	none	none	£11.35	£9.65
SCH0261	Cinnamic Acid	100g	140-10-3	NR	none	none	none	£28.56	£24.28
SCH0262	Citric Acid	5kg	5949-29-1	NR	none	none	none	£54.37	£46.21
SCH0263	Citric Acid Anhydrous	500g	77-92-9	NR	none	none	none	£10.23	£8.70
SCH0264	Citric Acid H2O Pure	500g	5949-29-1	NR	none	none	none	£8.41	£7.15
SCH0059	Cobalt Chloride 6H2O	250g	7791-13-1	3077	III	9.0	5kg	£30.01	£25.51
SCH0060	Cobalt Metal Powder	50g	7440-48-4	3089	II	4.1	1kg	£54.63	£46.44
SCH0061	Cobalt Nitrate	100g	10026-22-9	1477	II	5.1	1kg	£11.21	£9.53
SCH0062	Cobalt Sulphate Pure	100g	10026-24-1	3077	III	9.0	5kg	£17.12	£14.55
SCH0063	Copper (II) Sulphate (5H2O) Pure	500g	7758-99-8	3077	III	9.0	5kg	£7.32	£6.22
SCH0064	Copper (II) Carbonate Basic	500g	12069-69-1	3077	III	9.0	5kg	£11.82	£10.05
SCH0065	Copper (II) Chloride 2H2O Pure	250g	10125-13-0	2802	III	8.0	5kg	£10.80	£9.18
SCH0066	Copper (II) Nitrate LR	250g	10031-43-3	1477	II	5.1	1kg	£10.93	£9.29
SCH0067	Copper (II) Sulphate (5H2O) Pure	3kg	7758-99-8	3077	III	9.0	5kg	£26.28	£22.34
SCH0068	Copper (II) Sulphate Anhydrous	250g	7758-98-7	3077	III	9.0	5kg	£13.87	£11.79
SCH0069	Copper (II) Oxide Powder Pure	500g	1317-38-0	3077	III	9.0	5kg	£14.83	£12.61
SCH0070	Copper I Oxide	100g	1317-39-1	3077	III	9.0	5kg	£7.68	£6.53
SCH0071	Copper I Oxide	250g	1317-39-1	3077	III	9.0	5kg	£14.41	£12.25
SCH0072	Copper II Sulphate 5 Water	100g	7758-99-8	3077	III	9.0	5kg	£4.97	£4.22
SCH0073	Copper II Carbonate Basic	250g	10125-13-0	2802	III	8.0	5kg	£7.29	£6.20
SCH0074	Copper II Oxide	250g	1317-38-0	3077	III	9.0	5kg	£10.55	£8.97
SCH0265	Copper Metal Foil (0.13mm)	250g	7440-50-8	NR	none	none	none	£17.18	£14.60
SCH0075	Copper Metal Powder (Electrolytic)	250g	7440-50-8	3089	II	4.1	1kg	£18.81	£15.99
SCH0266	Copper Metal Turnings	500g	7440-50-8	NR	none	none	none	£27.07	£23.01
SCH0076	Copper Powder Fine (Electrolytic)	100g	7440-50-8	3089	II	4.1	1kg	£7.78	£6.61
SCH0077	Crystal Violet	25g	548-62-9	3077	III	9.0	5kg	£10.14	£8.62
SCH0078	Crystal Violet	5g	548-62-9	3077	III	9.0	5kg	£5.18	£4.40
SCH0267	Crystal Violet 1% Aqueous Solution	100ml	n/a	NR	none	none	none	£4.46	£3.79
SCH0079	Cyclohexane	500ml	110-82-7	1145	II	3.0	1L	£8.55	£7.27
SCH0080	Cyclohexane Pure	1L	110-82-7	1145	II	3.0	1L	£11.96	£10.17
SCH0268	Cyclohexanol Pure	500ml	108-93-0	NR	none	none	none	£25.57	£21.73
SCH0081	Cyclohexene Pure	250ml	110-83-8	2256	II	3.0	1L	£12.21	£10.38
SCH0270	D (-)-Fructose Pure	100g	57-48-7	NR	none	none	none	£5.34	£4.54
SCH0269	D (+)-Glucose Anhydrous Pure	1kg	50-99-7	NR	none	none	none	£9.13	£7.76
SCH0271	Deionised Water	5L	7732-18-5	NR	none	none	none	£5.76	£4.90
SCH0272	Di Ammonium Ferrous Sulphate	500g	7783-85-9	NR	none	none	none	£15.21	£12.93
SCH0273	Di-Ammonium Iron II Sulphate 6H2O	500g	7783-85-9	NR	none	none	none	£22.46	£19.09
SCH0082	Dichloromethane	500ml	75-09-2	1593	III	6.1	5L	£7.73	£6.57
SCH0277	Disodium Hydrogen Phosphate Anhydrous Pure	500g	7558-79-4	NR	none	none	none	£10.01	£8.51
SCH0274	Di-Sodium Tetraborate (Borax)	500g	1303-96-4	NR	none	none	none	£7.84	£6.66
SCH0083	DPX Mountant for Microscopy	100ml	n/a	1307	III	3.0	5L	£8.08	£6.87
SCH0280	Dried Yeast	500g	n/a	NR	none	none	n/a	£11.38	£9.67
SCH0279	Dried Yeast	250g	n/a	NR	none	none	n/a	£6.08	£5.17
SCH0278	Dried Yeast (Active)	100g	n/a	NR	none	none	n/a	£5.59	£4.75
SCH0281	Dutch Metal Gold Leaves	Book of 25	7440-57-5	NR	none	none	n/a	£25.75	£21.89
SCH0282	Edta (Disodium Salt) Pure	500g	6381-92-6	NR	none	none	n/a	£22.08	£18.77
SCH0283	Eosin Y 24050	25g	17372-87-1	NR	none	none	n/a	£5.68	£4.83
SCH0084	Ethanoic Acid Pure	500ml	64-19-7	2789	II	8.0	1L	£8.49	£7.22
SCH0085	Ethanol Absolute 99% Min Grig (Duty Paid)	250ml	64-17-5	1170	II	3.0	1L	£45.13	£38.36
SCH0086	Ethyl Acetate	500ml	141-78-6	1173	II	3.0	1L	£5.65	£4.80

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CHEMICALS

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SCH0085 250ml **£38.36**

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SCH0095 1M, 2.5Ltr **£11.63**

SCH0096 2M, 5Ltr **£15.88**



GOT A SPILL?

It can happen... Help clean up spills safely and effectively with our selection of kits and bits on page 113.

REGULATORY COMPLIANCE: VITTA Group is committed to meeting the stringent regulations governing the supply and distribution of chemicals. Where required, we may request additional information from our customers, including intended use, contact details, and any relevant licenses, to ensure both VITTA Group's and our customers' compliance with chemical regulations. Please note that, in some cases, we may be unable to supply certain products without this information.

Code	Chemical Description	Vol	Cas No	UN Number	Pack Group	Haz Class	LQ	RRP	VITTA Price*
SCH0087	Fehling's Solution No.1 (Copper)	500ml	n/a	3082	III	90	1L	£3.89	£3.31
SCH0088	Fehling's Solution No.2 (Alkaline Tartrate)	500ml	n/a	3266	III	80	5L	£5.66	£4.81
SCH0284	Fluorescein	5g	2321-07-5	NR	none	none	n/a	£4.19	£3.56
SCH0089	Formaldehyde Solution	1L	50-00-0	2922	III	80	5L	£6.94	£5.90
SCH0285	Galactose	25g	59-23-4	NR	none	none	n/a	£11.97	£10.17
SCH0286	Gelatine Powder LR	100g	9000-70-8	NR	none	none	n/a	£6.50	£5.53
SCH0287	Glass Wool (Short Cut Fibres)	500g	50-99-7	NR	none	none	n/a	£12.86	£10.93
SCH0288	Glycerol Pure (Propane-1,2,3-Triol)	2.5L	56-81-5	NR	none	none	n/a	£20.41	£17.35
SCH0289	Glycerol Pure (Propane-1,2,3-Triol)	500ml	56-81-5	NR	none	none	n/a	£22.99	£19.54
SCH0290	Glycerol Triacetate Pure	250ml	102-76-1	NR	none	none	n/a	£20.31	£17.26
SCH0291	Gram's Iodine Pure	5g	n/a	NR	none	none	n/a	£2.98	£2.53
SCH0292	Graphite (Carbon) Powder	1kg	7782-42-5	NR	none	none	n/a	£19.36	£16.46
SCH0090	Hex-1-ene LR	100ml	592-41-6	2370	II	30	1L	£16.80	£14.28
SCH0091	Hexan-1-ol 99% Min Grg	500ml	111-27-3	2282	III	30	5L	£23.23	£19.75
SCH0092	Hexane Fraction LR	500ml	110-54-3	1208	II	30	1L	£10.66	£9.06
SCH0093	Hydrochloric Acid 0.1M	2.5L	7647-01-0	1789	III	80	5L	£14.38	£12.05
SCH0094	Hydrochloric Acid 0.5M N/2	2.5L	7647-01-0	1789	III	80	5L	£15.21	£12.93
SCH0095	Hydrochloric Acid 1M (N) Standard Sol	2.5L	7647-01-0	1789	III	80	5L	£13.68	£11.63
SCH0096	Hydrochloric Acid 2.0M	5L	7647-01-0	1789	III	80	5L	£18.68	£15.88
SCH0006	Hydrochloric Acid 35% W/V Pure	1L	7647-01-0	1789	III	80	5L	£6.50	£5.53
SCH0007	Hydrochloric Acid 4.0M (4N)	1L	7647-01-0	1789	III	80	5L	£10.45	£8.88
SCH0008	Hydrochloric Acid 5.0M (5N)	1L	7647-01-0	1789	III	80	5L	£9.85	£8.37
SCH0009	Hydrogen Peroxide 30% (100 Vols) W/V Pure	500ml	7722-84-1	2014	II	5.1	1L	£8.70	£7.40
SCH0293	Hydrogen Peroxide 6% (20 Vols) W/V Pure	1L	7722-84-1	NR	none	none	n/a	£8.36	£7.11
SCH0294	Hydrogen Peroxide 6% (20 Vols) W/V Pure	2.5L	7722-84-1	NR	none	none	n/a	£15.71	£13.35
SCH0295	Immersion Oil	100ml	n/a	NR	none	none	n/a	£9.91	£8.42
SCH0296	Indigo Carmine	5g	n/a	860-2-0	none	none	n/a	£5.09	£4.33
SCH0297	Indol-3-yl-Acetic Acid LR	1g	87-51-4	NR	none	none	n/a	£7.08	£6.02
SCH0097	Industrial Denatured Alcohol	1L	64-17-5	1170	III	30	5L	£7.11	£6.04
SCH0098	Iodine Pure	100g	7553-56-2	3495	III	80	5kg	£28.21	£23.98
SCH0099	Iodine Pure	500g	7553-56-2	1759	II	80	1kg	£129.01	£109.66
SCH0298	Iodine Solution with 1% Potassium Iodide	2.5L	n/a	NR	none	none	n/a	£22.80	£19.38
SCH0299	Iodine Solution with 1% Potassium Iodide	500ml	n/a	NR	none	none	n/a	£7.91	£6.72
SCH0100	Iron (II) Chloride 4H ₂ O	250g	13478-10-9	3260	III	80	5kg	£45.58	£38.74
SCH0101	Iron (III) Chloride Anhydrous	250g	7705-08-0	1773	III	80	5kg	£18.62	£15.83
SCH0300	Iron (III) Oxide (Calcined red)	500g	1309-37-1	NR	none	none	n/a	£6.88	£5.85
SCH0102	Iron (III) Sulphate 7H ₂ O Technical	500g	15244-10-7	3077	III	90	n/a	£66.57	£56.58
SCH0301	Iron Filings in Sprinkler Pot	225g	n/a	NR	none	none	n/a	£3.80	£3.23
SCH0302	Iron II Carbonate	250g	563-71-3	NR	none	none	n/a	£19.46	£16.54
SCH0303	Iron II Sulphate 7H ₂ O GRG Grade	500g	7782-63-0	NR	none	none	n/a	£9.16	£7.79
SCH0103	Iron II Sulphide	250g	1317-37-9	3077	III	90	5kg	£12.98	£11.03
SCH0104	Iron III Chloride 6H ₂ O	500g	10025-77-1	3260	III	80	5kg	£17.18	£14.60
SCH0105	Iron III Nitrate 9H ₂ O	250g	7782-61-8	1466	III	5.1	5kg	£16.63	£14.14
SCH0305	Iron Metal Filings Coarse	500g	7439-89-6	NR	none	none	n/a	£5.59	£4.75
SCH0304	Iron Metal Filings Coarse	3kg	7439-89-6	NR	none	none	n/a	£11.35	£9.65
SCH0307	Iron Metal Filings Fine	500g	7439-89-6	NR	none	none	n/a	£5.44	£4.62
SCH0306	Iron Metal Filings Fine	3kg	7439-89-6	NR	none	none	n/a	£17.98	£15.28
SCH0308	Iron Oxide Magnetic	250g	1317-61-9	NR	none	none	n/a	£25.98	£22.08
SCH0309	Iron Oxide Magnetic Pure	100g	1317-61-9	NR	none	none	n/a	£10.66	£9.06
SCH0310	Janus Green	1g	2869-83-2	NR	none	none	n/a	£10.91	£9.27
SCH0315	Lactic Acid LR	500ml	50-21-5	NR	none	none	1L	£11.28	£9.59
SCH0316	Lactose-1-Water	10g	10039-26-6	NR	none	none	n/a	£3.48	£2.96
SCH0311	L-Alanine	10g	56-41-7	NR	none	none	n/a	£7.61	£6.47
SCH0312	L-Ascorbic Acid (Vitamin C)	250g	50-81-7	NR	none	none	n/a	£10.31	£8.76
SCH0313	L-Ascorbic Acid Pure	50g	50-81-7	NR	none	none	n/a	£5.86	£4.98

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**BIGGER RANGE, BIGGER DISCOUNTS[†]
ACROSS ALL CHEMICALS**

CHEMICALS

Code	Chemical Description	Vol	Cas No	UN Number	Pack Group	Haz Class	LQ	RRP	VITTA Price [†]
SCH0314	L-Aspartic Acid	25g	56-84-8	NR	none	none	n/a	£5.71	£4.85
SCH0106	Lead (II) Oxide Pure	250g	1317-36-8	2291	III	6.1	5kg	£19.27	£16.38
SCH0107	Lead II Carbonate Basic	500g	1319-46-6	3288	III	6.1	5kg	£61.45	£52.23
SCH0108	Lead II Iodide	50g	10101-63-0	2291	III	6.1	5kg	£58.46	£49.69
SCH0109	Lead II Sulphate	100g	7446-14-2	3077	III	9.0	5kg	£35.52	£30.19
SCH0110	Lead II Bromide Pure	100g	10031-22-8	2291	III	6.1	5kg	£35.05	£29.79
SCH0111	Lead IV Oxide	500g	1309-60-0	1872	III	5.1	5kg	£105.13	£89.36
SCH0317	Lead Metal Foil	500g	7439-92-1	NR	none	none	n/a	£11.96	£10.17
SCH0318	Lead Metal Shot	500g	7439-92-1	NR	none	none	n/a	£9.48	£8.06
SCH0112	Lead Nitrate	250g	10099-74-8	1469	II	5.1	1kg	£14.89	£12.66
SCH0113	Leishman's Staining Solution	100ml	12627-53-1	1230	II	3.0	1L	£11.51	£9.78
SCH0319	Lime Water	2.5L	1305-62-0	NR	none	none	n/a	£6.04	£5.13
SCH0320	Limestone Chips Large	1kg	n/a	NR	none	none	n/a	£6.73	£5.72
SCH0321	Limestone Chips Medium	1kg	n/a	NR	none	none	n/a	£6.99	£5.94
SCH0322	Limestone Chips Small	1kg	n/a	NR	none	none	n/a	£8.85	£7.52
SCH0114	Limonene (Dipentene)	500ml	5989-27-5	2052	III	3.0	5L	£23.01	£19.56
SCH0325	Lithium Carbonate	100g	554-13-2	NR	none	none	n/a	£16.85	£14.32
SCH0326	Lithium Chloride Anhydrous Pure	100g	7447-41-8	NR	none	none	n/a	£24.55	£20.87
SCH0327	Lithium Sulphate 1 Water	100g	10377-48-7	NR	none	none	n/a	£30.01	£25.51
SCH0328	Lithium Sulphate 1 Water	50g	10377-48-7	NR	none	none	n/a	£16.01	£13.61
SCH0329	Litmus Solution	500ml	1393-92-6	NR	none	none	n/a	£7.84	£6.66
SCH0330	Lugols Iodine Solution	2.5L	n/a	NR	none	none	n/a	£25.47	£21.65
SCH0331	Lugols Iodine Solution	500ml	n/a	NR	none	none	n/a	£7.88	£6.70
SCH0332	Luminol	1g	521-31-4	NR	none	none	n/a	£24.87	£21.14
SCH0333	Luminol	5g	521-31-3	NR	none	none	n/a	£91.96	£78.17
SCH0115	Magnesium (Metal) Powder 98% min	100g	7439-95-4	1418	II	4.3	n/a	£9.76	£8.30
SCH0334	Magnesium Carbonate Basic Heavy AR	500g	39409-82-0	NR	none	none	n/a	£17.92	£15.23
SCH0335	Magnesium Chloride 6H2O Crystals Pure	500g	7791-18-6	NR	none	none	n/a	£7.65	£6.50
SCH0336	Magnesium Hydroxide	100g	1309-42-8	NR	none	none	n/a	£11.81	£10.04
SCH0116	Magnesium Nitrate	500g	13446-18-9	1474	III	5.1	5kg	£43.49	£36.97
SCH0337	Magnesium Oxide Heavy	250g	1309-48-4	NR	none	none	n/a	£9.46	£8.04
SCH0338	Magnesium Oxide Light	250g	1309-48-4	NR	none	none	n/a	£8.38	£7.12
SCH0117	Magnesium Ribbon High Purity 99%	25g	7439-95-4	1869	III	4.1	5kg	£12.62	£10.73
SCH0118	Magnesium Ribbon Standard Grade	25g	7439-95-4	1869	III	4.1	5kg	£10.49	£8.92
SCH0119	Magnesium Ribbon Standard Grade	25g Reel	7439-95-4	1869	III	4.1	5kg	£12.08	£10.27
SCH0339	Magnesium Sulphate 7H2O Pure	1kg	10034-99-8	NR	none	none	n/a	£7.78	£6.61
SCH0340	Magnesium Sulphate Dried	500g	22189-08-8	NR	none	none	n/a	£19.36	£16.46
SCH0120	Magnesium Turnings Pure	100g	7439-95-4	1869	III	4.1	5kg	£7.96	£6.77
SCH0121	Magnesium Turnings Pure	250g	7439-95-4	1869	III	4.1	5kg	£16.77	£14.25
SCH0341	Malonic Acid	25g	141-82-2	NR	none	none	n/a	£10.16	£8.64
SCH0342	Malt Extract Agar	100g	n/a	NR	none	none	n/a	£18.45	£15.68
SCH0343	Maltose	25g	6363-53-7	NR	none	none	n/a	£3.77	£3.20
SCH0122	Manganese (II) Sulphate 1H2O Pure	250g	10034-96-5	3077	III	9.0	5kg	£5.78	£4.91
SCH0123	Manganese (IV) Oxide Powder	250g	1313-13-9	1479	III	5.1	5kg	£8.31	£7.06
SCH0345	Marble Chips 10-12mm	3kg	471-34-1	NR	none	none	n/a	£10.96	£9.32
SCH0344	Marble Chips 10-12mm	1kg	471-34-1	NR	none	none	n/a	£6.73	£5.72
SCH0346	Marble Chips 2-4mm	1kg	471-34-1	NR	none	none	n/a	£8.85	£7.52
SCH0347	Marble Chips 2-4mm	3kg	471-34-1	NR	none	none	n/a	£12.01	£10.21
SCH0348	Marble Chips 6-9mm	1kg	471-34-1	NR	none	none	n/a	£6.99	£5.94
SCH0349	Marble Chips 6-9mm	3kg	471-34-1	NR	none	none	n/a	£12.04	£10.23
SCH0124	Methanoic Acid Pure	500ml	64-18-6	1779	II	8.0	1L	£9.50	£8.08
SCH0351	Methyl Blue C142780	5g	28983-56-4	NR	none	none	n/a	£6.35	£5.40
SCH0350	Methyl Blue C142780	25g	28983-56-4	NR	none	none	n/a	£14.28	£12.14
SCH0125	Methyl Orange	25g	547-58-0	1993	III	3.0	5kg	£8.03	£6.83
SCH0126	Methyl Orange Solution	500ml	547-58-0	1993	III	3.0	5L	£5.28	£4.49

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CHEMICALS



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REGULATORY COMPLIANCE: VITTA Group is committed to meeting the stringent regulations governing the supply and distribution of chemicals. Where required, we may request additional information from our customers, including intended use, contact details, and any relevant licenses, to ensure both VITTA Group's and our customers' compliance with chemical regulations. Please note that, in some cases, we may be unable to supply certain products without this information.

Code	Chemical Description	Vol	Cas No	UN Number	Pack Group	Haz Class	LQ	RRP	VITTA Price*
SCH0127	Methyl Red 0.01% Ind Sol	500ml	493-52-7	1993	III	3.0	5L	£7.31	£6.21
SCH0352	Methyl Red pH Indicator	5g	493-52+7	NR	none	none	n/a	£9.08	£7.72
SCH0128	Methyl Salicylate (Oil of WinterGreen)	100ml	119-36-8	3082	III	9.0	5L	£10.41	£8.85
SCH0353	Methylene Blue Solution 1% Aqueous	500ml	n/a	NR	none	none	n/a	£7.96	£6.77
SCH0354	Methylene Blue Stain	5g	7220-79-3	NR	none	none	n/a	£3.21	£2.73
SCH0129	N-Decane Pure	100ml	124-18-5	2247	III	3.0	5L	£26.23	£22.30
SCH0130	N-Hexane LR	100ml	110-54-3	1208	II	3.0	1L	£7.48	£6.36
SCH0131	N-Hexane LR	500ml	110-54-3	1208	II	3.0	1L	£16.36	£13.91
SCH0133	Nickel (II) Sulphate Hydrated Pure	250g	15244-37-8	3077	III	9.0	5kg	£28.47	£24.20
SCH0355	Nickel Metal Foil (0.15mm)	100g	7440-02-0	NR	none	none	n/a	£34.06	£28.95
SCH0010	Nitric Acid 1M (1N)	1L	7697-37-2	2031	II	8.0	1L	£9.80	£8.33
SCH0011	Nitric Acid 2N (2M)	1L	7697-37-2	2031	II	8.0	1L	£9.66	£8.21
SCH0012	Nitric Acid Concentrate 69% Pure	250ml	7697-37-2	2031	II	8.0	1L	£9.48	£8.06
SCH0013	Nitric Acid Concentrate Pure	1L	7697-37-2	2031	II	8.0	1L	£12.54	£10.66
SCH0132	N-Octane Pure	100ml	111-65-9	1262	I	3.0	1L	£52.38	£44.52
SCH0358	Nutrient Broth	100g	n/a	NR	none	none	n/a	£13.33	£11.33
SCH0359	Octan 1 Ol	500ml	111-87-5	NR	none	none	n/a	£19.26	£16.37
SCH0360	Oleic Acid	500ml	112-80-1	NR	none	none	n/a	£12.91	£10.97
SCH0014	Oxalic Acid	250g	6153-56-6	3261	III	8.0	5kg	£5.84	£4.96
SCH0362	Paraffin Liquid Light Pure	2.5L	8012-95-1	NR	none	none	n/a	£20.16	£17.14
SCH0363	Paraffin Liquid Light Pure	500ml	8012-95-1	NR	none	none	n/a	£8.21	£6.98
SCH0364	Paraffin Oil (Kerosene Oil)	2.5L	64742-47-8	NR	none	none	n/a	£21.26	£18.07
SCH0365	Paraffin Wax 56-58	500g	8002-74-2	NR	none	none	n/a	£15.38	£13.07
SCH0134	Pentan-1-Ol Pure	500ml	71-41-0	1105	III	3.0	5L	£39.50	£33.58
SCH0366	Petroleum Jelly	500g	8009-03-8	NR	none	none	n/a	£9.73	£8.27
SCH0135	Petroleum Spirit 100-120°C	500ml	8032-32-4	1268	II	3.0	1L	£7.96	£6.77
SCH0136	Petroleum Spirit 40-60°C	500ml	8032-32-4	1268	II	3.0	1L	£12.21	£10.38
SCH0137	Petroleum Spirit 60-80°C LR	500ml	8032-32-4	1268	II	3.0	1L	£8.44	£7.17
SCH0138	Petroleum Spirit 80-100°C LR	500ml	8032-32-4	1268	II	3.0	1L	£9.16	£7.79
SCH0015	Phenol Crystals LR	250g	108-95-2	1671	II	6.1	0.5kg	£20.31	£17.26
SCH0367	Phenol Red (pH Indicator)	5g	143-74-8	NR	none	none	n/a	£7.86	£6.68
SCH0368	Phenolphthalein Powder	25g	77-09-8	NR	none	none	n/a	£6.12	£5.20
SCH0139	Phenolphthalein Solution	500ml	77-09-8	1170	III	3.0	1L	£5.38	£4.57
SCH0369	Phenyl 2 Hydroxybenzoate Pure	250g	118-55-8	NR	none	none	n/a	£26.90	£22.87
SCH0016	Phosphoric (V) Acid LR	500ml	7664-38-2	1805	III	8.0	5L	£11.15	£9.48
SCH0140	Phosphorus Red	25g	7723-14-0	1338	III	4.1	5kg	£6.94	£5.90
SCH0370	Polyvinyl Alcohol	500g	9002-89-5	NR	none	none	n/a	£14.98	£12.73
SCH0371	Potassium Bromide Pure	500g	7758-02-3	NR	none	none	n/a	£15.98	£13.58
SCH0372	Potassium Carbonate	500g	584-08-7	NR	none	none	n/a	£9.56	£8.13
SCH0017	Potassium Chlorate	500g	3811-04-9	1485	II	5.1	1kg	£23.66	£20.11
SCH0373	Potassium Chloride Pure	500g	7447-40-7	NR	none	none	n/a	£6.14	£5.22
SCH0141	Potassium Dichromate	250g	7778-50-9	3288	III	6.1	5kg	£13.25	£11.26
SCH0374	Potassium Dihydrogen Phosphate Anhydrous	250g	7778-77-0	NR	none	none	n/a	£8.86	£7.53
SCH0375	Potassium Hexacyanoferrate III	250g	13746-66-2	NR	none	none	n/a	£12.31	£10.46
SCH0376	Potassium Hydrogen Carbonate Pure	500g	294-14-6	NR	none	none	n/a	£9.17	£7.79
SCH0142	Potassium Hydroxide Pellets Pure	500g	1310-58-3	1813	II	8.0	1kg	£13.50	£11.48
SCH0143	Potassium Hydroxide Solution 1M (1.0N)	1L	1310-58-3	1814	II	8.0	1L	£9.22	£7.84
SCH0144	Potassium Iodate V	100g	7758-05-6	1479	II	5.1	1kg	£38.37	£32.61
SCH0377	Potassium Iodide Pure	100g	7681-11-0	NR	none	none	n/a	£15.19	£12.91
SCH0378	Potassium Iodide Pure	500g	7681-11-0	NR	none	none	n/a	£69.24	£58.85
SCH0145	Potassium Nitrate (Solid)	500g	7757-79-1	1486	III	5.1	5kg	£6.82	£5.80
SCH0146	Potassium Permanganate 0.02M (0.1N) AR	2.5L	7722-64-7	3082	III	9.0	5L	£15.80	£13.43
SCH0147	Potassium Permanganate 0.2M (1N) AR	2.5L	7722-64-7	3082	III	9.0	5L	£18.81	£15.99
SCH0148	Potassium Permanganate Pure	500g	7722-64-7	1490	II	5.1	1kg	£20.04	£17.03
SCH0149	Potassium Peroxodisulphate	250g	7727-21-1	1492	III	5.1	5kg	£15.26	£12.97

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NEW RANGE, NEW PRICE*
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CHEMICALS

Code	Chemical Description	Vol	Cas No	UN Number	Pack Group	Haz Class	LQ	RRP	VITTA Price*
SCH0379	Potassium Sodium (+)-Tartrate 4H2O LR	500g	6381-59-5	NR	none	none	n/a	£12.90	£10.97
SCH0380	Potassium Sulphate	500g	7778-80-5	NR	none	none	n/a	£8.57	£7.28
SCH0381	Potassium Thiocyanate LR	100g	333-20-0	NR	none	none	n/a	£6.88	£5.85
SCH0150	Propan-1-Ol Pure	1L	71-23-8	1274	II	3.0	1L	£12.65	£10.75
SCH0151	Propan-1-Ol Pure	500ml	71-23-8	1274	II	3.0	1L	£7.61	£6.47
SCH0152	Propan-2-Ol Pure	1L	67-63-0	1219	II	3.0	1L	£9.68	£8.23
SCH0153	Propan-2-Ol Pure	500ml	67-63-0	1219	II	3.0	1L	£4.83	£4.11
SCH0382	Propane-1,2-Diol LR	500ml	57-55-6	NR	none	none	n/a	£7.11	£6.04
SCH0154	Propanoic Acid LR	500ml	79-09-4	3463	II	8.0	1L	£17.48	£14.86
SCH0155	Propanone (Acetone) Pure	1L	67-64-1	1090	II	3.0	1L	£5.88	£5.00
SCH0156	Propionaldehyde LR	100ml	123-38-6	1275	II	3.0	1L	£12.77	£10.85
SCH0383	Resazurin Tablets	100 Tablets	5508-82-3	NR	none	none	n/a	£34.78	£29.56
SCH0384	Salicylic Acid	100g	69-72-7	NR	none	none	n/a	£6.04	£5.13
SCH0385	Sand Purified (Dried White Silica Sand)	5kg	7631-86-9	NR	none	none	n/a	£13.80	£11.73
SCH0158	Sebacoyl Chloride 5% Solution in Cyclohexane	250ml	n/a	1760	II	8.0	1L	£15.18	£12.90
SCH0157	Sebacoyl Chloride 5% Solution in Cyclohexane	100ml	n/a	1760	II	8.0	1L	£9.47	£8.05
SCH0386	Silica Gel Self Indicating	500g	63231-67-4	NR	none	none	n/a	£12.50	£10.63
SCH0159	Silver Nitrate Pure	10g	7761-88-9	1493	II	5.1	1Kg	£19.81	£16.84
SCH0160	Silver Nitrate Pure	25g	7761-88-9	1493	II	5.1	1Kg	£41.82	£35.55
SCH0161	Soda Lime Self Indicating	500g	8006-28-8	1907	III	8.0	5kg	£10.24	£8.70
SCH0387	Sodium Acetate 3H2O Pure	500g	6131-90-4	NR	none	none	n/a	£7.11	£6.04
SCH0388	Sodium Alginate	25g	9005-38-3	NR	none	none	n/a	£4.58	£3.89
SCH0389	Sodium Alginate	50g	9005-38-3	NR	none	none	n/a	£6.30	£5.36
SCH0390	Sodium Benzoate	250g	532-32-1	NR	none	none	n/a	£6.58	£5.59
SCH0391	Sodium Bromide	250g	7647-15-6	NR	none	none	n/a	£8.69	£7.39
SCH0392	Sodium Carbonate 10H2O	2kg	6132-02-1	NR	none	none	n/a	£9.66	£8.21
SCH0393	Sodium Carbonate Anhydrous	500g	497-19-8	NR	none	none	n/a	£6.42	£5.46
SCH0018	Sodium Chlorate (V)	500g	7775-09-9	1495	II	5.1	1kg	£12.14	£10.32
SCH0394	Sodium Chloride (Rock Salt)	1kg	7647-14-5	NR	none	none	n/a	£5.28	£4.49
SCH0395	Sodium Chloride Pure	1kg	7647-14-5	NR	none	none	n/a	£5.57	£4.73
SCH0396	Sodium Chloride Pure	5kg	7647-14-5	NR	none	none	n/a	£13.71	£11.65
SCH0162	Sodium Dichromate Anhydrous (VI)	250g	10588-01-9	3086	II	6.1	5kg	£87.75	£74.59
SCH0397	Sodium Hexametaphosphate	500g	10124-56-8	NR	none	none	n/a	£8.16	£6.94
SCH0398	Sodium Hydrogen Carbonate	3kg	144-55-8	NR	none	none	n/a	£11.63	£9.89
SCH0400	Sodium Hydrogen Carbonate Pure	500g	144-55-8	NR	none	none	n/a	£5.78	£4.91
SCH0399	Sodium Hydrogen Carbonate Pure	1kg	144-55-8	NR	none	none	n/a	£7.24	£6.15
SCH0163	Sodium Hydrogen Sulphate Fused Pure	500g	7681-38-1	3260	III	8.0	5kg	£4.96	£4.22
SCH0164	Sodium Hydroxide 1M	5L	1310-73-2	1824	III	8.0	5L	£15.78	£13.41
SCH0019	Sodium Hydroxide Pearl	500g	1310-73-2	1823	II	8.0	1kg	£6.88	£5.85
SCH0165	Sodium Hydroxide Pellets Pure	500g	1310-73-2	1823	II	8.0	1kg	£12.13	£10.31
SCH0166	Sodium Hydroxide Solution 0.1M	25L	1310-73-2	1824	III	8.0	5L	£12.26	£10.42
SCH0167	Sodium Hydroxide Solution 0.2N	1L	1310-73-2	1824	III	8.0	5L	£12.01	£10.21
SCH0168	Sodium Hydroxide Solution 1M	1L	1310-73-2	1824	III	8.0	5L	£8.98	£7.63
SCH0169	Sodium Hydroxide Solution 2M (2N)	1L	1310-73-2	1824	III	8.0	5L	£10.45	£8.88
SCH0170	Sodium Hydroxide Solution 2M (2N)	25L	1310-73-2	1824	III	8.0	5L	£16.40	£13.94
SCH0171	Sodium Hypochlorite 10-15% Available Chlorine	1L	7681-52-9	1791	III	8.0	5L	£8.33	£7.08
SCH0172	Sodium Iodate	50g	7681-55-1	1479	II	5.1	1kg	£24.83	£21.11
SCH0401	Sodium Metabisulphite	3kg	7681-57-4	NR	none	none	n/a	£13.98	£11.88
SCH0402	Sodium Metabisulphite Pure	500g	7681-57-4	NR	none	none	n/a	£5.21	£4.43
SCH0403	Sodium Molybdate (VI) 2H2O LR	50g	10102-40-6	NR	none	none	n/a	£8.75	£7.44
SCH0173	Sodium Nitrate Pure	500g	7631-99-4	1498	III	5.1	5kg	£6.31	£5.36
SCH0174	Sodium Nitrite Pure	250g	7632-00-0	1500	III	5.1	5kg	£5.30	£4.51
SCH0175	Sodium Persulphate LR	250g	7775-57-1	1505	III	5.1	5kg	£7.90	£6.72
SCH0404	Sodium Silicate Solution	25L	1344-09-8	NR	none	none	n/a	£19.31	£16.41
SCH0405	Sodium Sulphate 10H2O	500g	7727-73-3	NR	none	none	n/a	£28.90	£24.57

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CHEMICALS

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SCH0406	Sodium Sulphate Anhydrous Pure	500g	7757-82-6	NR	none	none	n/a	£5.76	£4.90
SCH0407	Sodium Sulphite Anhydrous	500g	7757-83-7	NR	none	none	n/a	£5.82	£4.95
SCH0408	Sodium Tetraborate 10H2O Pure	1kg	1303-96-4	NR	none	none	n/a	£7.49	£6.37
SCH0409	Sodium Thiosulphate 5H2O Pure	3kg	10102-17-7	NR	none	none	n/a	£17.75	£15.09
SCH0410	Sodium Thiosulphate 5H2O Pure	1kg	10102-17-7	NR	none	none	n/a	£8.32	£7.07
SCH0411	Starch Soluble	500g	9005-84-9	NR	none	none	n/a	£6.60	£5.61
SCH0412	Starch Substitute Iodine Indicator	100g	9005-84-9	NR	none	none	n/a	£6.38	£5.42
SCH0413	Stearic Acid	250g	57-11-4	NR	none	none	n/a	£8.66	£7.36
SCH0414	Strontium Carbonate	100g	1633-05-2	NR	none	none	n/a	£9.45	£8.03
SCH0415	Strontium Chloride 6H2O Pure	250g	10025-70-4	NR	none	none	n/a	£12.86	£10.93
SCH0176	Styrene Stabilised	250ml	100-42-5	2055	III	3.0	5L	£12.98	£10.27
SCH0416	Sucrose	3kg	57-50-1	NR	none	none	n/a	£12.73	£10.82
SCH0417	Sucrose	500g	57-50-1	NR	none	none	n/a	£5.97	£5.07
SCH0418	Sucrose Pure	1kg	57-50-1	NR	none	none	n/a	£6.48	£5.51
SCH0177	Sudan III Soln. Alcoholic 0.5% GRG	100ml	85-86-9	1993	III	3.0	5L	£5.05	£4.29
SCH0178	Sulphamic Acid Pure	500g	5329-14-6	2967	III	8.0	5kg	£7.83	£6.66
SCH0179	Sulphur Resublimed (Powder)	1kg	7704-34-9	1350	III	4.1	5kg	£17.26	£14.67
SCH0180	Sulphur Resublimed (Powder)	500g	7704-34-9	1350	III	4.1	5kg	£8.93	£7.59
SCH0419	Sulphuric Acid/Sulfuric Acid 0.25M	25L	n/a	NR	none	none	n/a	£13.68	£11.63
SCH0181	Sulphuric Acid/Sulfuric Acid 1.0M (2N)	1L	7664-93-9	2796	II	8.0	1L	£8.35	£7.10
SCH0182	Sulphuric Acid/Sulfuric Acid 2M	1L	7664-93-9	2796	II	8.0	1L	£8.35	£7.10
SCH0020	Sulphuric Acid/Sulfuric Acid Concentrate Pure	1L	7664-93-9	2796	II	8.0	1L	£10.33	£8.78
SCH0183	Synthetic Crude Oil	500ml	8002-05-9	1993	III	3.0	5L	£13.86	£11.78
SCH0420	Talcum Powder	1kg	14807-96-6	NR	none	none	n/a	£8.46	£7.19
SCH0421	Tartaric Acid Pure	500g	87-69-4	NR	none	none	n/a	£15.65	£13.30
SCH0422	Tetrazolium Salt	5g	298-96-4	NR	none	none	n/a	£21.31	£18.11
SCH0184	Thiourea	100g	62-56-6	2811	III	6.1	5kg	£9.29	£7.90
SCH0423	Thymol Blue (pH Indicator)	5g	76-61-9	NR	none	none	n/a	£7.58	£6.44
SCH0424	Thymolphthalein	5g	125-20-2	NR	none	none	n/a	£9.98	£8.48
SCH0425	Tin Metal Foil	100g	7440-31-5	NR	none	none	n/a	£22.81	£19.39
SCH0426	Tin Metal Powder	100g	7440-31-5	NR	none	none	n/a	£25.11	£21.34
SCH0185	Toluene LR Low in Sulphur	500ml	108-88-3	1294	II	3.0	1L	£5.68	£4.83
SCH0427	Tri Sodium Phosphate 12H2O	100g	10101-89-0	NR	none	none	n/a	£3.35	£2.85
SCH0428	Trisodium Citrate	500g	6132-04-3	NR	none	none	n/a	£5.98	£5.08
SCH0186	Universal Indicator (pH 4-11)	1L	n/a	1170	III	3.0	5L	£12.26	£10.42
SCH0187	Universal Indicator Full Range	25L	n/a	1993	III	3.0	5L	£24.11	£20.49
SCH0188	Universal Indicator Full Range	500ml	64-17-5	1170	III	3.0	5L	£6.23	£5.30
SCH0189	Vanadium Pentoxide	50g	1314-62-1	2862	III	6.1	5kg	£16.12	£13.70
SCH0190	Wanklyn Soap Solution	1L	n/a	1170	III	3.0	none	£10.41	£8.85
SCH0191	White Spirit	1L	67742-88-7	1300	III	3.0	5L	£8.94	£7.60
SCH0192	Xylene LR Low in Sulphur	500ml	1330-20-7	1307	III	3.0	5L	£6.88	£5.85
SCH0193	Zinc Bromide Anhydrous	100g	7699-45-8	3260	III	8.0	5kg	£17.81	£15.14
SCH0194	Zinc Carbonate	500g	51839-25-9	3077	III	9.0	5kg	£16.43	£13.97
SCH0195	Zinc Chloride Anhydrous Pure	500g	7646-85-7	2331	III	8.0	5kg	£10.38	£8.82
SCH0433	Zinc Metal Foil (0.4mm)	250g	7440-66-6	NR	none	none	n/a	£12.11	£10.29
SCH0434	Zinc Metal Granulated	250g	7440-66-6	NR	none	none	n/a	£12.17	£10.34
SCH0435	Zinc Oxide	500g	1314-13-2	NR	none	none	n/a	£10.58	£8.99
SCH0196	Zinc Sulphate 7H2O	500g	7446-20-0	3077	III	9.0	5kg	£7.68	£6.53
SCH0197	Zinc Sulphate Technical Grade	1kg	7446-20-0	30RR	III	9.0	5kg	£13.16	£11.19



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PASCO Chemvue is an interactive software designed for chemistry education, enabling students to visualise, analyse, and simulate chemical reactions and experiments in real-time, enhancing hands-on learning and understanding of core concepts.

Informed Design:

Designed in collaboration with college chemistry professors

Innovative App & Instrumentation:

Engineered with state-of-the-art data collection and lab reporting.

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Envisioned to improve lab efficiencies and student learning.

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- Informed UI/UX & Feature Design
- Innovative Technology Integration
- Improved Investigation & Analysis



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PHYSICS



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Designed for ease-of use, durability and accuracy, **EDULAB** power supplies provide a sound investment for every classroom...

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Touch Button Controls



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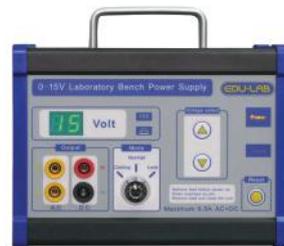
Power Indicator



Features may vary. See website for product details.

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EduLab 0-15v Stepped Power Supply



VTT12302917 8.5 Amp £205.86

EduLab 0-15V Variable Power Supply

- Robust build quality



VTT12302919 2 Amp £311.67

EduLab EHT Power Supply



VTN12301529 EHT Power Supply £363.63

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VTN12301531 Electromagnetic Power Supply £48.48

EduLab High Tension Power Supply



VTN12301533 High Tension Power Supply £140.15

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- Easy-to-read LED display



VTN12301536 8.5 Amp £335.59

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PHYSICS

Eisco Regulated Digital DC Power Supply 3-12V/2.5A

Lightweight and designed for long hours of use with overload protection.

- Dimensions: 136x128x85mm
- Weight: 632g



VTN12301548 Regulated Power Supply **£56.26**

Lascells Power Supplies

A precision variable full specification power supply for the school laboratory with unrivalled advantages in terms of design and electrical specification.

Up to 8A DC, switched or variable but, most importantly, constant, regulated DC voltage regardless of load. Combine this with a simple to adjust maximum voltage limiter, automatic overload protection, digital voltage readout and a compact, lightweight case and you have the perfect power supply in a truly space saving package.



VTT12302907 Lascells Switched Power Supply 0-12V AC/DC **£198.62**

VTT12302915 Lascells Variable Power Supply 0-15V AC/DC **£301.45**

SATZ School Power Station

Modern power supply with selectable voltage options and a smoothed and regulated output current of 1.5 Amps.

- Short circuit and overload protection
- Auto reset function
- External fuse for AC input surge protection
- Slim design for easy storage
- Dimensions: 138x115x60mm



VTT12302923 School Power Station **£44.96**

SATZ 5A Power Station

Designed to be robust, lightweight and practical. The AC output voltage options include 2V, 4V, 6V, 8V, 10V, and 12V, offering flexibility for a range of applications.

AC and DC can be used simultaneously up to the rated output.



VTT12306890 5A Power Station **£129.55**

EduLab Variable 0-30V Power Supply

An economically priced power supply which offers a regulated DC output of 0-30V in 0.1V increments.

Ideal for electronics or any application where a high current is not required.



605-066 Variable Power Supply **£51.04**

Variable DC Power Supply

A compact variable DC power supply for educational settings with an adjustable output voltage of 0 to 15V and a maximum current of 1.5A. Perfect for experiments in electrolysis, circuit testing, and more.



VTT12306259 Variable DC Power Supply **£64.80**



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PHYSICS

EduLab Electricity Circuits Kit

This Electricity Kit has been designed as a low-cost, attractive and flexible alternative to the circuit-board approach to pupil investigations into simple circuits. Supplied in a Gratnells tray with two polystyrene inserts to keep the components organised.



Need some extra power?
Shop school power supplies on page 44 or call us on **0333 996 1611**

See page 116 for more Gratnells storage solutions



MES Bulb

For use in circuits bulb holder (VTT12303427).

- Pack of 10



231-093 6V Bulb **£0.29**

Circuits Kit Bulb Holder

Electrical component mounted on a base with two 4mm sockets.



VTT12303427 Bulb Holder **£1.74**

Circuits Kit D Cell Holder

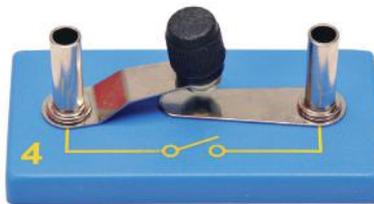
Battery terminal for D Cell battery.



231-039 D Cell Holder **£2.54**

Circuits Kit Push Switch

Electrical component mounted on a base with two 4mm sockets.



VTT12303429 Push Switch **£2.10**

Circuits Kit Knife Switch, Single Pole, Double Throw

Low voltage, single pole; double throw, knife switch mounted to a moulded base with metal contacts.



VTN12302740 Knife Switch **£2.19**

Circuits Kit Buzzer

Electrical component mounted on a base with two 4mm sockets.



VTT12303430 Buzzer **£2.69**

Circuits Kit Motor 3-6V

3-6V motor with two 4mm sockets.



VTN12302664 Motor 3-6V **£2.70**

Circuits Kit Knife Switch, Double Pole, Double Throw

Low voltage, double pole; double throw knife switch mounted on a base with metal contacts.



VTN12302741 Knife Switch **£4.89**

PHYSICS

EduLab Worcester Circuit Board Kit

Enables students to construct and explore simple circuits, series circuits, parallel circuits, and Ohm's Law.



VTT12303424 Worcester Circuit Board **£74.69**

Electricity Circuits Kit

A simple 20-piece electricity circuits kit.



VTT12303426 Circuits Kit **£21.31**

Miniature DC Motors

Miniature DC motors with clockwise rotation, ideal for educational and modelling applications.

See website for individual specifications.



VTT12307263	3V, 14700rpm	£1.10
VTT12307264	1.5V, 2375rpm	£1.45
37-0140	3V, 16000rpm	£0.47

Demonstration Electric Motor

Model of the simplest form of DC electric motor having a 2-pole armature wound with enamelled copper wire and a permanent magnetic field provided by a removable bar magnet.

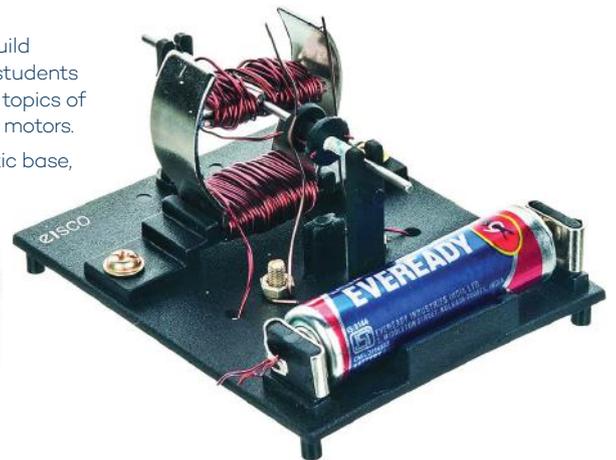


VTN12302339 Demonstration Electric Motor **£19.53**

Build a DC Motor Kit

This kit contains all you need to build a working DC motor and provide students with hands-on learning across the topics of electricity, magnetism and electric motors.

Includes: 2x copper wire coils, plastic base, armature core, field poles, brushes, fasteners and instructions.



VTT12307272 DC Motor Kit **£6.57**

Stackable Plugs

Stackable banana plugs with 4mm socket for in-line stacking using a screw connection for the wire. 10A rating.

- Pack of 10



VTT12303482	Black	£6.20
VTT12303485	Red	£6.20
VTT12303486	Yellow	£6.20

Stackable Leads

Stackable leads suitable for use with lemon batteries in classroom experiments.

- 4mm socket
- Length: 500mm
- Pack of 5



VTT12303477	Black	£6.14
VTT12303478	Blue	£6.14
VTT12303480	Red	£6.14

Red Crocodile Leads

Red insulated connecting lead with alligator clips at both ends for 4mm plug. Enables quick temporary electrical connection.

- Length: 300mm



VTN12302732 Crocodile Leads **£0.94**

PHYSICS

PASCO Wireless Voltage Sensor

Easily record voltage data while exploring fundamental circuit concepts.



PS-3211 Wireless Voltage Sensor **£130.98**

PASCO Wireless Current Sensor

Enable introductory and advanced explorations of electricity and basic circuits.



PS-3212 Wireless Current Sensor **£151.43**

Standard Digital Multimeter

This high-precision digital multimeter is an essential tool for science education, ideal for use in physics and electronics practicals.

- Wide range of functions
- Clear LCD display
- Ergonomic design
- 131x95x58mm



614-021 Digital Multimeter **£15.96**

Eisco Ammeter

Single range ammeters to measure electric current and express the intensity of the current. Fully enclosed moving coil with a square clear acrylic front cover, ideal for the physics laboratory.

- 125x80x80mm



VTT12302834 0-1A **£6.93**
VTT12302835 0-5A **£7.00**

Eisco Voltmeter

Fully enclosed moving coil voltmeters in a choice of single or dual range options with a square clear acrylic front cover and 4mm plug terminals.

- 125x80x80mm



VTT12302848 0-15V **£6.33**
VTT12302849 0-30V **£6.33**
VTT12302850 Dual Range, 0-5V/0-15V **£8.05**

Digital Multimeter

Ideal for use in any physics lab to perform a wide range of functions.

- 200mV - 1000V
- Large LCD display
- Ergonomic design
- 125x70x25mm
- Includes testing leads and manual
- Pack of 6



VTT12307273 Digital Multimeter **£45.90**

EduLab Digital Ammeter and Voltmeter

Robust high quality meters with large LCD display.



Buying more than 1?
Ask about our Class Pack prices

VTT12303260 Ammeter **£47.60**
614-017 Voltmeter **£47.38**

SATZ Digital Ammeter and Voltmeter

Purpose built for schools with a strong ABS case and protective display window.

- Large LCD display
- Colour coded sockets
- Dimensions: 95x90x75mm



VTT12302838 Ammeter **£35.27**
VTT12302845 Voltmeter **£35.27**

PHYSICS

EduLab Digital Joulemeter and Watt Meter

Used to measure the energy or power taken up by a load, either by AC or DC power.



VTT12306043 Joulemeter and Watt Meter £334.14

EduLab Mains Joulemeter and Watt Meter

Designed for class demonstration and student use. The meter measures the energy or power delivered to a mains appliance.



VTT12306047 Joulemeter and Watt Meter £334.14

EduLab Student Digital Joulemeter

Specifically designed for student use, the unit can measure energy from 1 joule to 999,999 joules.



BEST SELLER

VTT12302852 Student Joulemeter £108.22

Digital Single Channel Oscilloscope

The portable 10MHz oscilloscope is ideal for hands-on learning in electronics and circuit analysis. With a simple control panel, compact design, and reliable performance, it's perfect for science classrooms to help students analyse signals, visualise waveforms, and test circuits.

- 3.7-inch colour LCD
- Compact & Lightweight
- Adjustable Controls
- Includes power cable and operating instructions



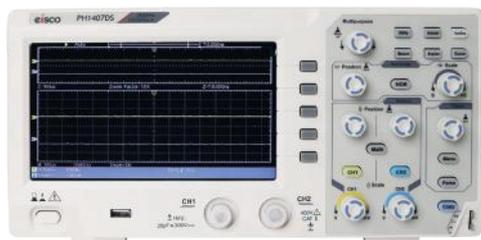
NEW

VTT12307100 Single Channel Oscilloscope, 10MHz £149.90

Digital Dual Channel Oscilloscopes

Designed for schools and laboratories, these digital oscilloscopes provide accurate signal analysis and hands-on learning. With versatile features and a clear display, they support experiments in physics, electronics, and engineering, helping students analyse voltage, frequency, and signal distortion.

- 7-inch LCD
- Dimensions: 301x152x70mm



NEW

VTT12307101 50MHz £224.95

VTT12307102 100MHz £254.30

Trade In, and Trade Up!

Is your lab using outdated or unreliable equipment? Now is the time to upgrade with our simple Trade-In Scheme.

How it works:

Get in touch: Call us or email and tell us what equipment you need and how many units you're looking to replace. Our friendly team will help find what's right for you.

Confirm your order: We'll send an official order confirmation and a returns form for your old equipment.

Fast delivery: Your new equipment will be dispatched quickly – often the same day – via next-day courier.

Send back the old: Simply complete the returns form and send it back with your old equipment. The return address and instructions are all on the form.

Why choose the Trade-In Scheme?

- Save money on essential lab upgrades
- Reduce waste – old equipment is responsibly recycled and re-purposed
- No downtime – fast turnaround keeps your lab running smoothly
- Ideal for schools or colleges working within strict budgets

What items can you trade in?

Clean lab equipment (balances, power supplies, centrifuges, physics equipment, apparatus, microscopes). Equipment must be in working order or easily repairable.

What items can't you trade in?

Glassware, chemicals, consumables, contaminated items (fume cupboard), fixed items (benches).

Find out more at vittaeducation.com/trade-in-scheme

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PHYSICS

Resistance Coils

A range of resistance units on a high stability metal film element. Improved and less expensive resistance coil. Accuracy +1%.



VTN12302665	Resistance Coil, 2 Ohm	£2.27
VTN12302666	Resistance Coil, 5 Ohm	£2.27
VTN12302667	Resistance Coil, 10 Ohm	£2.27
VTN12302668	Resistance Coil, 50 Ohm	£2.27
VTN12302669	Resistance Coil, 100 Ohm	£2.27

Rheostat Resistors

Used to control the flow of electric current by raising or reducing its resistance, these sliding contact, single tube rheostats are wound with heavily oxidised resistance wire on a vitreous enamelled steel tube, housed on robust enamelled die-cast end stands.



Fitted with 4mm socket terminals for both rheostat or potentiometer connection. Do not use with voltages greater than 50 volts.

VTN12302674	16 ohms	£35.40
VTN12302676	4.5 ohms	£76.61
VTT12307214	20 ohms (Air Cooled)	£39.60
VTN12302672	300 ohms	£47.59



Demountable Transformer Kit

Laminated low-loss core for attaching different coils to demonstrate the step up and step down transformer principle. Attractive demountable transformer with clearly labelled coils for GCSE physics and science and A-Level physics demonstrations. The principles used show how transformers are used in domestic electrical appliances and in the National Grid for power transmission. The core is made up of highly permeable U-shaped metal sheeting, which can be closed via two clamps with tightening screws.

VTN12302547	Demountable Transformer Kit	£136.00
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Demountable Transformer Accessory Set No. 2

Lenz's law transformer accessory to demonstrate the production of large magnetic fields and Lenz's law damping on pendulums with and without slits.



VTN12302556	Accessory Set No. 2	£26.90
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Bare Nichrome Wire

Bare nichrome wire can be used for many applications in the classroom or lab and commonly used in flame tests to detect trace metals or in creating precise heating elements for various experiments.

- 125g reel (approx)



VTN12302710	22swg	£10.53
VTN12302711	24swg	£10.53
VTN12302712	26swg	£10.53
VTN12302713	28swg	£10.53
VTN12302714	30swg	£10.53
VTN12302715	32swg	£10.53

Eureka / Constantan Wire

A copper nickel alloy of low temperature coefficient suitable for resistance coils etc.

- 125g reel (approx)



VTN12302724	22swg	£10.53
VTN12302725	24swg	£10.53
VTN12302726	26swg	£10.53
VTN12302727	28swg	£10.53
VTN12302728	30swg	£10.53
VTT12307271	32swg	£10.53

Bare Copper Wire

Bare copper wire to be used for various applications, including connecting circuits, forming electrodes, and serving as a source of copper in electro-chemistry experiments.

- 125g reel (approx)



VTT12307265	18swg	£11.25
VTT12307266	20swg	£11.25
VTT12307267	22swg	£11.25
VTT12307268	24swg	£11.25
VTT12307269	26swg	£11.25
VTT12307270	28swg	£11.25

National Grid Simulation Plus Pylons

This National Grid simulation is a teaching tool that demonstrates the need for high voltage transmission of electricity. Featured in the science curriculum as the 'AC power line at high voltage', this kit provides a safe form of the experiment that can easily be set up within minutes and clearly shows students the relevant principles of the national grid high voltage transmission system.

Supplied complete with transmit and receive boxes, insulated resistance wires, two mounted SBC lamps and full instructions.



VTN12302624 National Grid Simulation

£306.93

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2-Stroke Diesel Engine Model

This model shows the internal structure and operating principles of an air cooled two-stroke engine. All parts are aluminium and plastic. Ignition is shown via a small bulb. Carburettor and fuel supply are also sectioned. Hand crank is provided for manual operation. Mounted on a base.



VTN12302320 2-Stroke Diesel Engine Model

£65.10

4-Stroke Petrol Engine Model

This 4-stroke gasoline hand crank engine model with actuating movable parts is ideal for demonstrating the basics of an engine.

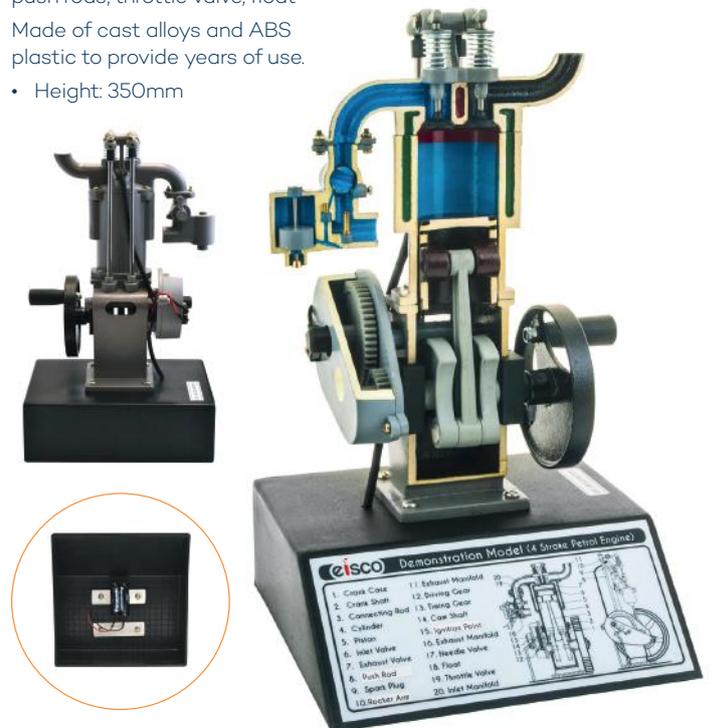
This model works by cranking the main shaft by hand which then actuates all the parts of the motor to show all the functioning stages of a 4-stroke gasoline motor in action.

Ignition light can be activated by using a 2 AA Batteries, Light illuminates on compression stroke (Batteries not included).

Moving parts include crankshaft, camshaft, drive gear, timing gear, connecting rods, piston, intake/exhaust valves, rocker arms, push rods, throttle valve, float

Made of cast alloys and ABS plastic to provide years of use.

- Height: 350mm



VTN12302319 4-Stroke Petrol Engine Model

£91.02

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PHYSICS

PASCO Electrostatic Charge

Using classic equipment students learn to charge objects by direct contact and by induction. The charge is measured using a high impedance electrometer. Students explore the distribution of charge on different shaped conductive shapes. A sphere with a hole in it is provided to show that no charge resides on the inner surface of the conductor when it is charged.



EX-5532 PASCO Electrostatic Charge

£1,685.73

Lascells Static Cell

Used to demonstrate the transfer of electrons from one insulating material to another. Since the charge cannot be conducted away, the charge is retained on the surface.



VTN12302295 Lascells Static Cell £14.85

Friction Rods

- Size: 300x12mm



VTN12302299 Glass, Pack of 10 £6.61

VTN12302300 Ebonite, Pack of 10 £13.60

VTN12302301 Perspex £2.70

Van De Graaff Generator Kit

Complete high power Van de Graaff generator kit for exciting electrostatic demonstrations capable of generating 200,000 – 400,000 volts.

Demonstrate all aspects of electrostatics such as charge conservation and transfer with the kit accessories.

Also includes activity guide explaining how to use all attachments.



VTN12302282 Van De Graaff Generator Kit

£197.50

NaRiKa Genecon 3

A simple low voltage hand-crank generator for use in schools to power LEDs or filament lamps in increasing number and the increased effort required to turn the handle demonstrates clearly the differing power requirements of the connected components. Ideal for on-the-go experiments.



VTT12303277 NaRiKa Genecon 3

£99.69

Electrostatic Pendulum

Easily explain the phenomenon of electrostatic induction.



VTT12303275 Pendulum

£70.38

Aluminium Collecting Sphere

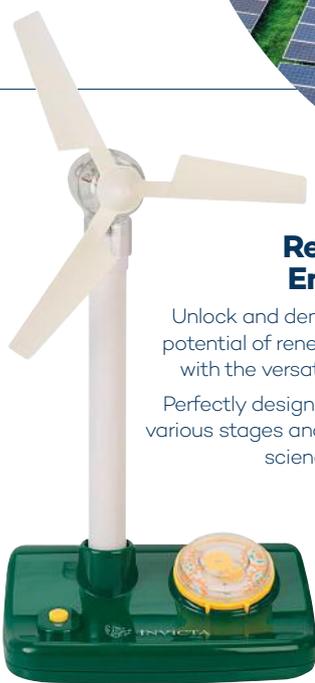
Demonstrate electrostatic fields and discharge in a small scale.



VTT12303273 Sphere

£82.89

RENEWABLE ENERGY



Renewable Energy Kit

Unlock and demonstrate the potential of renewable energy with the versatile energy kit.

Perfectly designed to support various stages and levels of the science curriculum.

VTN12302335 Renewable Energy Kit **£120.74**

PASCO Solar Cell

1 Watt solar cell.



Look online for more solar cells

SE-8847 PASCO Solar Cell **£46.13**

Lascells Wind Generator

A low inertia electric motor with plastic impeller that can be rotated using a hair drier or blower and a DC voltage can be monitored at the output or used to illuminate an LED.



VTN12302323 Lascells Wind Generator **£29.88**

PASCO Renewable Energy Bundle

Using PASCO's renewable energy kit, students will be challenged to create a designs for solar and/or wind power that maximize energy output under explored sets of conditions.

The bundle (PS-7612A) includes the Renewable Energy Kit and two additional sensors (below).



ST-7611 PASCO Renewable Energy Kit **£182.39**

PS-7612A PASCO Renewable Energy Bundle **£541.17**

6-in-1 Solar Kit

This kit provides an ideal introduction to how solar energy works containing all you need to construct and reassemble into six different solar powered models: windmill, revolving plane, air boat, desktop plane, robotic dog and car. A comprehensive instruction manual provides clear step by step instructions for building each model. Kit includes 26 snap-together parts, plus solar panel, micro-motor and gears. A diagonal cutter is recommended but no glueing, screwing or other tools required.

- Use in bright sunlight or with a halogen or incandescent light source
- Suitable for KS2 onward

6-IN-1
ACTIVITY
KIT



VTN12302333 6-in-1 Solar Kit **£18.07**



PHYSICS

EduLab Speed of Sound Kit

The EduLab Speed of Sound Kit is extremely simple to set up and use, and provides accurate and precise measurements for the speed of sound in air. What's more, the included microsecond timer doubles as a start-stop microsecond or millisecond timer, for use with light gates or mechanical switches in a wide range of other experiments.

The EduLab Speed of Sound Kit comes with two condenser microphones (including leads), to be placed a metre apart and used as start-stop signals detecting the passing sound wave, and suitable tools for generating the correct type of sound.

Includes 16x17mm box spanners and tommy bar.



VTT12303415 Speed of Sound Kit

£298.00

Lascells Resonance Tube

Ideal for resonance investigations in air columns, this 1-meter tube connects to a high-power sound generator. It supports open or closed pipe studies using the supplied pistons and can be used for Kundt's tube investigations using dust to visualise resonance nodes.

Requires signal generator.



VTN12302608 Lascells Resonance Tube

£156.63

Lascells Amplified Resonance Tube

An exciting tool for the demonstration and study of standing waves in air columns.

Designed for whole class Kundt's tube demonstrations, impressive striation patterns are easily achievable at resonant frequencies.

Works with any signal generator.



XWV570010 Lascells Amplified Resonance Tube

£165.90

Tuning Forks on Resonance Box

Set of four steel tuning forks C256, E320, G384 and C512. Mounted on a resonance box. Supplied with hammer.



VTN12302577 Tuning Forks

£21.31

Set of 8 Steel Tuning Forks

Designed for physics experiments and are tuned to scientific pitch and include: C (256), D (288), E (320), F (341), G (384), A (426), B (480) and C (512).



VTN12302575 Steel Tuning Forks

£12.69

Bell in Acrylic Jar

Demonstrates that sound requires air to travel through.

Using a vacuum pump (not included) slowly decrease the air inside and hear the sound of the bell disappear.

Electric bell operating on 4-6V DC.



VTN12302584 Bell in Acrylic Jar

£20.00

Set of 2 Aluminium Tuning Forks

Two aluminium tuning forks in the key of C256 and B480.



VTN12302574 Aluminium Tuning Forks

£2.53

Set of 8 Aluminium Tuning Forks

Aluminium shank tuning forks supplied in a wooden case with foam inserts for protection.

In the key of C 256 through 512.



VTN12302576 Aluminium Tuning Forks

£17.77

Resonance Tubes Set with Tuning Fork

This simple apparatus clearly demonstrates the principles of resonance without requiring a water column or other apparatus.



998-006 Resonance Tubes Set

£8.50

PHYSICS

Sonometer – Simple Pattern

Comprising a wooden baseboard mounted on four feet.

At one end of the base are two 50N spring balances with hooks, and at the other end are two corresponding wrest pins.

- 980x90mm

Includes 3x bridges
(1x large + 2x small)



VTN12302587 Sonometer – Simple Pattern

£31.96

Sonometer – 3 Wire Pattern

A hollow wooden sounding box (1290x130x110mm) provided with scales divided in mm between fixed bridges over which the wires are stretched.

Includes 3x bridges, wrist-pin key and 4x wires.



VTN12302588 Sonometer – 3 Wire Pattern

£78.29

Lacells Space Tube

A modern alternative for the 'Bell in a Bell Jar' apparatus.

Vacuum pump required.



VTN12302582 Space Tube

£64.00

Doppler Ball

A 100mm plastic ball with a coin cell battery powered buzzer inside.

The buzzer provides a loud output, for an impressive demonstration of frequency/pitch change with a moving sound source.



VTN12302560 Doppler Ball

£56.00

PASCO Doppler Rocket

Emits a true, sinusoidal sound waveform at a constant frequency of 620Hz (approx).

Powered by a 9V battery (not included).



WA-9826 Doppler Rocket

£89.82

Astronomy Activity Kit

Assist your students to explore the mysteries of the solar system.



VTT12306243 Astronomy Activity Kit

£255.21

EduLab Sun, Earth & Moon Orbitor Model



VTN12302102 Orbitor Model

£43.73

Inflatable Globe

- 300mm



VTT12306164 Inflatable Globe

£14.13

Lascells Gravity Well

The gravity well is an exciting piece of apparatus which allows students to visualise the attraction of massive objects due to gravity.

Consisting of a flexible sheet that simulates curved space-time and a collapsible frame, the kit is supplied with all you need including full instructions and suggested experiments.

- Includes spherical mass and marbles
- Assembled size: 1800x800mm
- Packs away for easier storage

An ideal activity for
whole-class involvement
especially during
World Space Week



VTN12302112 Lascells Gravity Well

£134.87

WORLD SPACE WEEK...

World Space Week, held annually from October 4–10, inspires students around the globe with captivating stories and science, encouraging them to explore the possibilities of space and consider careers in space exploration.



PHYSICS

Look forward to your delivery with a **FREE TREAT** in every one... Plus spend over £100 for **FREE DELIVERY!****



Lascells Mini Ripple Tank

This compact ripple tank unit provides an elegant method of demonstrating the wave phenomena of reflection, diffraction, refraction and interference with none of the setting-up problems usually associated with ripple tanks.

Packed full of features, the ripple tank has been designed for ease-of-use in the classroom and makes experiments and results even more convenient.



VTN12302601 Lascells Mini Ripple Tank

£126.05

Economy Ripple Tank

This economy Ripple Tank System comprised of a tough, moulded frame with a large transparent viewing surface.



VTN12302605 Ripple Tank

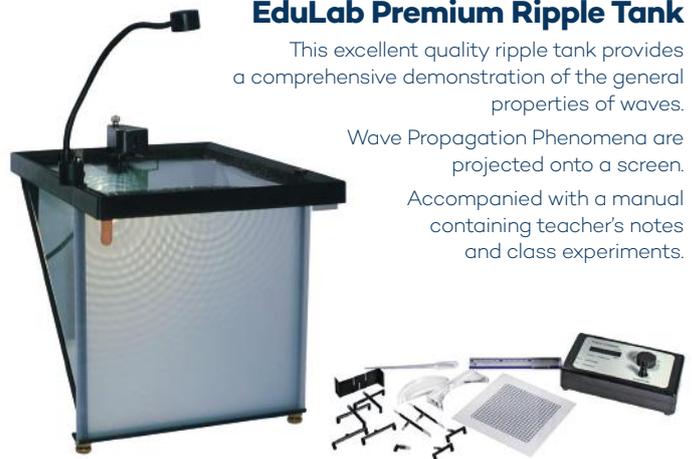
£115.43

EduLab Premium Ripple Tank

This excellent quality ripple tank provides a comprehensive demonstration of the general properties of waves.

Wave Propagation Phenomena are projected onto a screen.

Accompanied with a manual containing teacher's notes and class experiments.



241-400 Premium Ripple Tank

£426.60

Lascells Strobe Frequency Counter

The Lascells Strobe Frequency Counter provides a compact, economic, reliable and simple way of detecting the frequency of a strobe light source.

Calibrated to work with the Lascells Ripple Tank, allowing a quick measurement of strobe frequency.



XELO40010 Strobe Frequency Counter

£21.20

Vibration Generator

Provides electronically controlled vibrations to generate waves. Ideal for illustrating mechanical wave properties such as frequency, wavelength and interference.

For use with a signal generator.

- 30 to 10,000Hz
- 120x120x120mm
- Weight: 1.5kg



VTT12303417 Vibration Generator

£28.56

EduLab Signal Generator and Amplifier

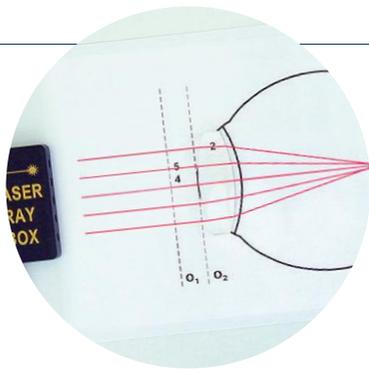
Used to test and evaluate electronic devices and systems creating signals that mimic real-world conditions.



VTT12302926 Signal Generator & Amplifier

£374.02

Here to help... 0333 996 1611 @ hello@vittaeducation.com vittaeducation.com



PASCO Ray Optics Laser System

This optics set features a Laser Ray Box that projects five clear, parallel laser beams onto flat surfaces using 1mW diode lasers (wavelength 635nm).

The box has a magnetic back for easy mounting and is powered by an AC adapter.

The set includes six magnetically-backed templates for demonstrations on topics like:

- Refraction and reflection
- Spherical aberration
- Human eye and eyeglasses
- Camera function
- Telescopes



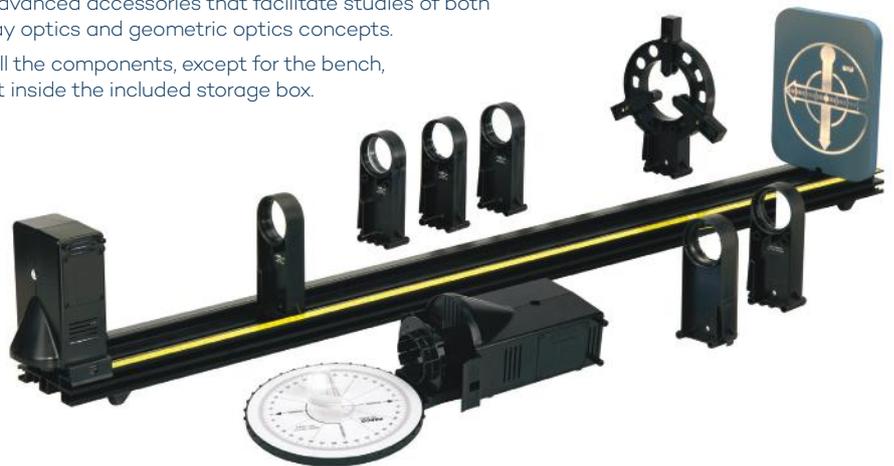
SE-8506	Ray Optics Laser System	£829.05
SE-8505	Laser Ray Box (only)	£399.36



PASCO Basic Optics System

The PASCO Basic Optics System is a comprehensive optics set that supports more than a dozen hands-on investigations right out of the box. A staple of university physics labs around the world, the Basic Optics System includes a suite of core optics equipment, such as a light source, optics bench, and lenses, as well as more advanced accessories that facilitate studies of both ray optics and geometric optics concepts.

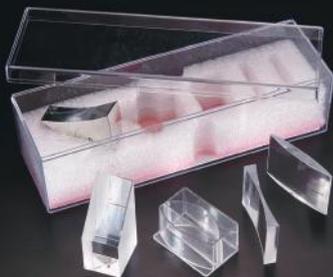
All the components, except for the bench, fit inside the included storage box.



OS-8515C	PASCO Basic Optics System	£760.15
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PASCO Ray Optics Kit

The Ray Optics Kit is a basic set of optic components for ray and colour experiments.



OS-8516A	Ray Optics Kit	£111.72
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PASCO Basic Ray Table

This Ray Table provides a clear surface for ray optics experiments. It features a rotating design for adjusting incident angles and measuring reflection/refraction with a polar grid. In addition, there is a slot for an optional polariser, allowing the students to find Brewster's Angle for the acrylic D lens.

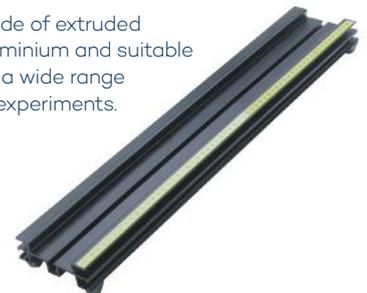


OS-8465	Basic Ray Table	£63.11
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PASCO 1.2m Optics Track

This 1.2 metre optics bench is the perfect length for studying the inverse square law, diffraction/interference patterns, and the behaviour of light traveling through lenses or off of curved mirrors.

Made of extruded aluminium and suitable for a wide range of experiments.



OS-8508	1.2m Optics Track	£213.62
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PHYSICS

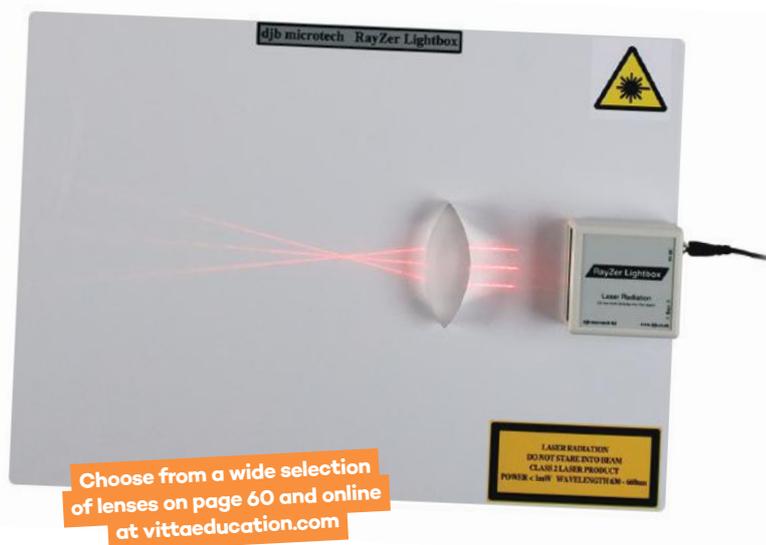
RayZer Lightbox

The RayZer Lightbox brings modern technology into your classroom with this 21st century unit is for studying ray optics and contains 3 laser diode modules. The power of each diode is less than 1mW with a wavelength of 650nm.

The RayZer is supplied with a plug top power supply and is mounted on a white plastic baseboard. The beams may be switched between one and three. Paper can be placed on top of the baseboard and the rays traced.

When the RayZer is switched to one beam and a diffraction grating is placed in the path of the beam the wavelength of the laser light can be calculated.

- No classroom blackout is required to operate the RayZer
- Mains and battery powered. Requires 9V battery (not included)
- Lenses not included



VTN12302411 RayZer Lightbox

£102.00

Lascells LED Raybox

A classic LED raybox for ray tracing in optics experiments supplied with removable slit plate and lens.

- Low temperature white LED
- Dimensions: 190x58x52mm



VTT12303343 Lascells LED Raybox

£78.88

LED Raybox

An economical metal ray box comprising of a die cast enclosure and runs much cooler than incandescent lamp models.

LED technology provides superior cool white light available in both mains and battery powered versions.

Supplied with slit plate.



VTT12303345 Mains Powered

£34.26

VTT12303347 Battery Powered

£16.06

Raybox with Accessories

Versatile raybox set capable of being used in a wide range of optical experiments with transparent flat-based blocks, prisms and mirrors.

BEST SELLER

Accessories include lenses, masks, slits and coloured filters.

- 180x65x75mm



VTT12303342 Raybox with Accessories

£14.71

Lascells Coloured Filters Set for LED Raybox

A set of primary and secondary filters for the Lascells LED Raybox (VTT12303343).

- 50x48x12mm



VTT12303344 Coloured Filters

£18.54

Mirrored Raybox with Accessories (Light & Optic Kit)

This comprehensive light/raybox kit is a versatile tool for demonstrating key concepts in geometrical optics and the study of light.

Perfect for physics students, it includes 29 optical components to explore reflection, refraction, and colour mixing experiments.

The ray box features a bright halogen lamp that provides divergent, parallel, and convergent beams, along with hinged mirrors for colour mixing.

Includes activity guide aligned with the physics curriculum.



VTT12303341 Mirrored Raybox with Accessories

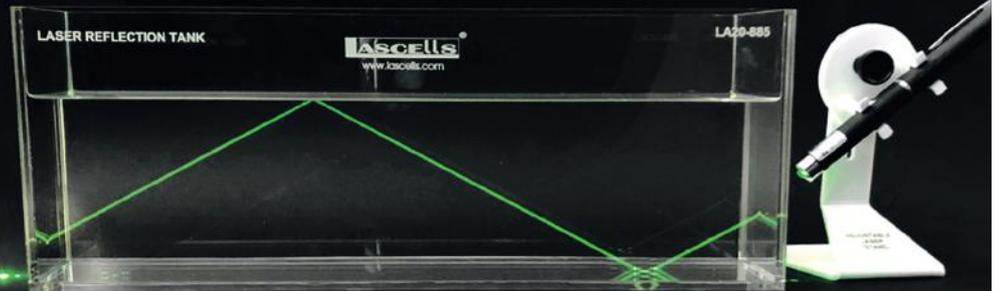
£40.52

ASCELLS[®]

Laser Reflection Tank

Create textbook-perfect ray diagrams with the Lascells Laser Reflection Tank. By adding water and some scattering agent to the tank, the light path of a laser beam can easily be made visible for observation. This apparatus allows for the exploration of several fundamental optical phenomena, including refraction, total internal reflection and critical angle.

- Capacity: 4.2 Litre



VTT12306979 Lascells Reflection Tank

£50.40

Semiconductor Laser

Semiconductor lasers are used to aid the understanding of both basic optical principles and more advanced applications in technology. The laser beam can be modulated by applying an external waveform to the 3.5mm jack socket or by the internal generator which produces 0.1 pulses at approximately 1MHz. This allows speed of light experiments to be easily performed.



VTN12302461 Semiconductor Laser

£160.22

Multifunction Laser Beam

Versatile laser with adjustable vertical spot beam for diffraction, horizontal beam for wave studies, and one or three parallel vertical beams for geometric optics. Features a magnetic base for whiteboard use and input modulation for fibre optics experiments.

**BEST
SELLER**

VTN12302462 Laser Beam

£104.50

Lascells Planck's Constant

This apparatus allows students to monitor the voltage at which each LED just begins to emit light, enabling a graph to be plotted and an approximate value of Planck's constant deduced.

- Complete with viewing tube
- Requires power adaptor



VTN12302496 Planck's Constant

£103.64

Colour Paddles Pack

Transparent 150mm paddles in 3 primary colours and 3 secondary colours with 3 textures provide an excellent way of demonstrating the concept of colour mixing.



VTN12302442 Paddles

£1.96

Young's Slits

For students tackling the theory of Young's double-slit experiments by helping understand the wave nature of light and other phenomena.

- 0.1mm separation



VTN12302464 Young's Slits

£17.23

PASCO Laser Pointer

An inexpensive, easy-to-use light beam for a multitude of demonstrations and experiments in optics.

- Red laser beam



SE-9716C Laser Pointer

£30.35

Optics Screen

A white screen on a simple base for use in lens investigations where a real image is projected on to a screen.

- 120x175mm



VTN12302428 Optics Screen

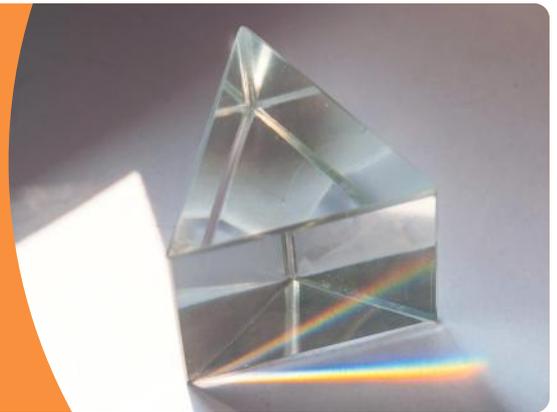
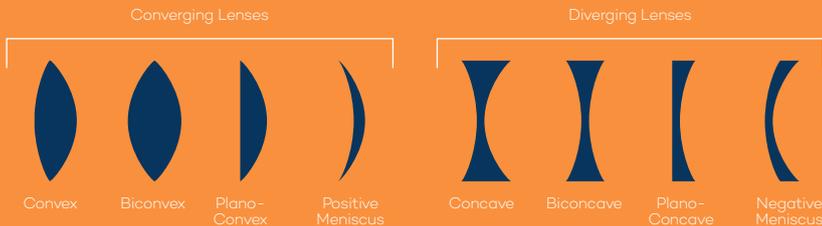
£8.31

Shop our complete range of Physics products online at vittaeducation.com/physics

PHYSICS

Converging or Diverging?

Lenses refract light. When light is refracted it changes direction due to the change in density as it moves from air into glass or plastic.



Biconvex Lenses

Biconvex lens are used as magnifying or condensing lenses. A convergent lens that condenses light rays into a focal point.

- Pack of 10



38mm Diameter

VTT12303379	50mm Focal Length	£15.01
VTT12303380	100mm Focal Length	£14.22
VTT12303381	150mm Focal Length	£8.90
VTT12303382	200mm Focal Length	£8.90

50mm Diameter

VTT12303374	100mm Focal Length	£10.20
VTT12303375	150mm Focal Length	£7.74
VTT12303376	200mm Focal Length	£4.29
VTT12303377	250mm Focal Length	£8.90
VTT12303378	300mm Focal Length	£4.33

Biconcave Lenses

Biconcave lenses have a negative focal length and are best used to diverge a converging beam. They have two inward curved surfaces.

- Pack of 10



38mm Diameter

VTT12303372	50mm Focal Length	£17.60
VTT12303373	100mm Focal Length	£12.30

50mm Diameter

VTT12303366	100mm Focal Length	£13.80
VTT12303367	150mm Focal Length	£7.74
VTT12303368	200mm Focal Length	£8.90
VTT12303369	250mm Focal Length	£8.90
VTT12303370	300mm Focal Length	£8.90
VTT12303371	1000mm Focal Length	£8.90

Biconvex Cylindrical Lenses

Well-suited for experiments that involve beam expansion and the effects of curved surfaces on light.

- Optically worked faces
- Size: 50x45mm



VTT12303384	75mm Focal Length	£7.78
VTT12303385	133mm Focal Length	£8.90

Biconcave Cylindrical Lenses

A practical resource for demonstrating key concepts like refraction and image distortion.

- Optically worked faces
- 75mm focal length
- Size: 50x45mm



VTT12303386	50x45mm	£6.90
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Convex Mirror

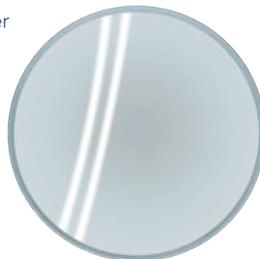
- 50mm diameter
- Pack of 10



PH0526D	150mm Focal Length	£10.67
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Concave Mirror

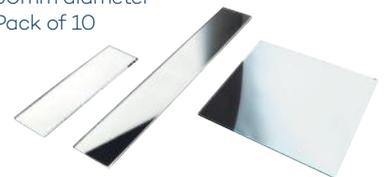
- 50mm diameter
- Pack of 10



PH0520B	75mm Focal Length	£9.50
PH0520D	150mm Focal Length	£10.22

Plain Mirror Strips

- 50mm diameter
- Pack of 10

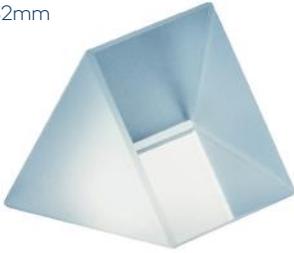


VTN12302415	75x25mm, Glass	£1.55
VTN12302416	75x75mm, Glass	£4.80
VTN12302417	150x25mm, Glass	£5.22
VTN12302420	200x300mm, Plastic	£18.98

PHYSICS

Glass Equilateral Prism

- Dense flint glass
- 32x32mm



PH0583B Equilateral Prism **£26.38**

Glass Rectangular Prism

- 75x50x18mm



PH0566B Rectangular Prism **£2.34**

Glass Semi Circular Prism

- 90x15mm



PH0570C Semi Circular Prism **£3.45**

Acrylic Scalene Prism

Manufactured from high quality, optically pure cast acrylic.

- 50x38x25mm



VTT12303357 Scalene Prism **£3.90**

Acrylic Equilateral Prism

Triangular equilateral prism with 60° angles.

Made of high quality, polished acrylic material.



VTT12303350 50mm **£4.56**

VTT12303351 38mm **£2.77**

Acrylic Isosceles Prisms

Manufactured from high quality, optically pure cast acrylic.

- 60x20x15mm
- Pack of 2



VTT12303356 Isosceles Prisms **£3.74**

Wooden Lens Holder

V-shaped slot holds convex or concave lenses and mirrors up to 76mm in diameter.



VTT12303389 Wooden Lens Holder **£2.30**

Mirror Blocks

A wooden block for supporting mirrors.

- 50x50x50mm
- Pack of 10



VTT12303391 Mirror Blocks **£14.50**

Set of 7 Acrylic Prisms in Wooden Box

Boxed set of 7x acrylic blocks that includes a rectangle, semi-circle, bi-convex, bi-concave and 3x triangular blocks of varying sizes supplied in a wooden box for safe storage.

Excellent for physics classrooms and ideal for a variety of experiments in optics, light refraction, spectrometry and wavelengths.

Each of the blocks is made of durable, highly polished acrylic material.

- 1-inch thick blocks

See page 58 for our great choice of ray box units and other light sources



VTT12303349 Set of 7 Acrylic Prisms **£24.37**

PHYSICS



PASCO Thermal Expansion

This thermal expansion Apparatus allows students to easily and accurately investigate the expansion of metals with increasing temperature.



TD-8856 PASCO Thermal Expansion

£402.99

Steam Generator with Handle

Made from quality copper and used for creating high pressure and gas in physics and chemistry studies such as thermal expansion (linear rod expansion) type experiments.

Features a top handle and a plastic side handle

- 240x120mm
- 1.5 Litre



VTN12302250 Steam Generator

£17.02

Ring & Ball Apparatus

Two piece apparatus for demonstrating thermal expansion.



VTN12302241 Ring & Ball

£7.57

Immersion Heater

12V, 50W immersion heater suitable for calorimeter blocks.



VTN12302270 50W Heater

£21.31

Calorimeter Blocks

Polished metal blocks with wood/plastic lid and fitted with rubber stopper and stirrer.

- Block sizes vary



VTN12302266 Brass

£42.29

VTN12302267 Copper

£56.84

VTN12302268 Steel

£15.09

VTN12302269 Aluminium

£13.51

Joules Calorimeter Set – Copper

- 100 x 75mm diameter



VTN12302261 Copper

£11.11

Lascells Energy Meter

An all-in-one solution to teaching Specific Heat Capacity. With real-time read out of voltage, current, time and temperature.

Intended for use with calorimeter blocks.



VTN12302343 Lascells Energy Meter

£63.50

Heat Conductivity Apparatus

Apparatus to show varying conductivity in four different metals.

- Includes teacher's notes
- Diameter: 130mm



VTN12302247 Conductivity Apparatus

£6.14

Conductivity Kit

A class kit of eight sets of eight different wire rods for comparing the thermal conductivities of different materials.

Length: 250mm



VTN12302248 Conductivity Kit

£32.40

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PHYSICS

Geiger Muller Counter

The Geiger Muller Counter detects radioactive decay, emitting audible clicks for each impulse, and displays results on an LCD. It supports single or repeated measurements, with selectable time intervals (1, 10, 60, 100, or 300 seconds). The counter connects to GM tubes, operates on batteries or an adapter (sold separately), and allows live data streaming to Excel for real-time monitoring.

- Requires 6x AA batteries
- Power adapter sold separately
- External audio output
- Dimensions: 234x108x65mm



VTT12303402 Geiger Muller Counter

£489.65

PASCO Wireless Geiger Counter

The PASCO Wireless Geiger Counter counts beta, gamma and alpha radiation particles as they enter the Geiger-Müller detector tube inside the counter.



PS-3238 Wireless Geiger Counter

£341.59

PASCO Geiger Counter Sample Holder

Provides easy mounting and superior position control for the PASCO Wireless Geiger Counter (PS-3238), improving the accuracy of inverse square law labs, radiation shielding labs, and other radiation labs.

Includes a sample holder tray and five pieces of 0.4mm thick aluminium shielding material.



NU-3344 Sample Holder

£73.03

GM Detector

This extra sensitive GM detector has an extra large window with an effective diameter of 27.8mm. This makes the detector well suited for measuring low activity sources.

Supplied with a 10mm diameter support rod and a protective cover.



VTN12302500 GM Detector

£390.19

Half Life Analogue Investigation

500x 10mm cubes to be used to investigate the topic of half-life.



VTN12302501 Half Life Investigation

£30.22

Lascells Cloud Chamber

The Lascells cloud chamber is the perfect alternative to existing unreliable and time consuming dry ice variants.

The chamber is self-contained and thermoelectrically cooled, requiring only the addition of isopropyl alcohol and connection to a mains socket.

Using the provided source, tracks should be visible within 10 minutes.

Once running the cloud chamber can be made to run for extended periods by adding more alcohol through the access provided in the lid.

- Integrated power supply
- High intensity LED illumination



VTN12302497 Lascells Cloud Chamber

£498.90

Lab Lists

Kitting out a new lab or just topping up? Our curriculum-matched lab lists help take away all doubt when ordering new equipment and consumables and are aligned to the latest practical requirements.

Head online to vittaeducation.com/lablists to get started or talk to our team.





PHYSICS

PASCO

PASCO Basic Smart Cart PATrack System

PASCO Dynamics Systems have been a staple in physics labs for more than 25 years. They are ideal for investigating mechanics topics such as velocity, acceleration, Newton's laws, forces, collisions, and the conservation of momentum and energy. A variety of accessories can be added to expand your dynamics system's functionality, enabling students to study harmonic motion, projectile motion, optics and more.

Basic Smart Cart System includes:

1. 1x PATrack
2. 1x Red Cart
3. 1x Blue Cart
4. 2x Cart Mass
5. Rod Stand Adapter
6. 1x Track Rod Clamp
7. 1x Elastic Bumper
8. 2x Dynamics Track End Stops

Standard Smart Cart System includes all the above, plus:

- 1x Dynamics Track Spring Set
- 1x Super Pulley with Clamp
- 1x Angle Indicator
- 1x Friction Block
- 1x Bumper Accessory Set



SEE THE SMART CART IN ACTION



ME-5707B	PASCO Basic Smart Cart PATrack System	£869.37
ME-5717B	PASCO Standard Smart Cart PATrack System	£1,080.88

PASCO Smart Cart

The ultimate tool for studying kinematics, dynamics, Newton's Laws, and more.

Versatile carts allow you to collect data on or off a track and transmit the data wirelessly over Bluetooth.



ME-1240	Red Cart	£304.04
ME-1241	Blue Cart	£304.04

PASCO Dynamics Track

The Dynamics Track is an aluminium track with a metal scale installed. Use with a Smart Cart, PAScar, or GOcar for an excellent, low-cost motion system. The 1.2m track is a great tool for incline experiments and investigating collisions whereas the 2.2m track is ideal for collision studies, incline experiments, and experiments that include multiple carts.

Track only. Does not include feet or end stops.



ME-9493	1.2m Starter Dynamics Track	£172.36
ME-9779	2.2m Dynamics Track	£338.66

PASCO Smart Fan Accessory

Add power to your Smart Cart with wireless functionality.

Start, stop, adjust thrust and set conditions using PASCO software.



ME-1242	Fan Accessory	£118.97
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PASCO Smart Ballistic Cart Accessory

Mounts to any PASCO dynamics cart for a classic demonstration on the independence of X and Y motion.



ME-1245	Ballistic Cart Accessory	£330.57
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PASCO Smart Cart Vector Display

Add real-time visual vectors to your Smart Cart for force, acceleration, or velocity.



ME-1246	Vector Display	£153.26
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“...The PASCO Smart Cart brings physic to life. You can do so much with the Smart Cart – it’s amazing. The students love to see and understand all the data available on SparkVue – and it’s FREE to download as many times as you like!”

Head of Physics, Independent school, St Albans.

PASCO Smart Cart Motor Drive

The Smart Cart Motor is a motor-driven wheel that attaches to the Smart Cart to make it go at a constant velocity, forwards or backwards.



ME-1247 Motor Drive £202.64

PASCO Smart Cart Magnetic Damping

The steel bracket of the Accessory is attracted to the magnetic bumper on the Smart Cart and can easily slide up and down to adjust the amount of damping.



ME-6828 Magnetic Damping £122.60

PASCO Smart Cart Rod Stand Adapter

This accessory allows the Smart Cart to be suspended from a rod stand and used to measure the force of an oscillating spring and mass. Stand, mass and spring not included.



ME-1244 Rod Stand Adapter £2792

PASCO Spring Cart Launcher

The launcher provides an economical way to launch carts in a repeatable fashion. It can be used for Hooke’s Law, collisions, and for Conservation of Energy.



ME-6843 Spring Cart Launcher £91.24

PASCO Cart Mass

Set of masses to fit into a PASCO Smart Cart.

- 2x 250g



ME-6757A Cart Mass £30.35

PASCO Smart Cart Charging Garage

Charge up to five Smart Carts at once.

- Includes power adapter.



ME-1243 Charging Garage (empty) £186.94



PASCO Wireless Motion Sensor

Measure the position, velocity, and acceleration of objects, ranging from 15cm to 4m away, and observe distance and motion as a graph in real time.

- Bluetooth
- USB



PS-3219 Wireless Motion Sensor £217.85

PASCO Air Track

A moving object will continue forever at a constant velocity unless it's acted on by an external force. Demonstrate Newton's First Law to students with this simple display of motion with a glider moving endlessly back and forth on an air track.

Add a timing system to investigate uniform motion, average and instantaneous velocities, uniform acceleration, elastic and inelastic collisions, impulse and change in momentum, conservation of momentum, conservation of energy, and more.

Data is precise and frictional forces are negligible.

- Length: 2 metres



Includes storage case

SF-9214 PASCO Air Track £1,383.17

Wooden Dynamics Trolley

This pair of identical wooden trolleys mounted on 3 wheels. A spring loaded rod is fitted to give impulse when released and have 5 slots for different level of spring compression. Supplied with springs, 4 pins (for stacking) and 2 rubber corks.

- Stackable
- Length: 300mm



VTN12302356 Dynamics Trolley £45.28

EduLab Linear Air Track with Accessories

A simple and affordable way to study dynamics in a virtually friction-free environment. The Air Track is especially useful for observing and measuring collisions, vividly demonstrating the conservation of momentum. This kit can be used for a wide range of experiments, including velocity, force and acceleration, potential and kinetic energy, conservation of energy, simple harmonic motion (SHM), and motion on both level and inclined planes.

Accessories include vehicles with mass attachments, catapults, and buffers.

- Length: 1.5 meters



STAR BUY

VTT12305003 EduLab Linear Air Track with Accessories £209.00

Linear Air Track Blower

This electronically controlled unit ensures precise results by delivering a consistent 145psi of pressure with adjustable blower speed.

For use with EduLab Air Track (VTT12305003).



VTT12303290 Linear Air Track Blower £188.21

PHYSICS

PASCO Wireless Smart Gate

The Wireless Smart Gate is a multi-purpose photo-gate. It has dual photo-gate beams spaced at 15mm to accurately measure speed and velocity. The built-in laser switch (when used with any laser) allows you to time objects too large to fit through the arms of the photo-gate.



PS-3225 Wireless Smart Gate £165.66

PASCO PASPORT Smart Gate

The Smart Gate connects directly to any PASPORT interface, and has an auxiliary port to daisy chain to an additional Photogate.

Can be used with cart picket fence, clamp on super pulley, and flexible Photogate Tape.



PS-2180 PASCO PASSPORT Smart Gate £93.29

BeeSpi V Light Gate

Measure speed and acceleration in an instant with the BeeSpi V. Unlike traditional tape-based velocity measuring experiments that are hard to set up and can be inaccurate, the self-contained BeeSpi V uses advanced light gate technology to instantly measure the speed of an object.

**BEST
SELLER**



**FREE* Holding Rod
with every purchase
worth £21!**

VTT12303282 NaRiKa BeeSpi V Light Gate £36.05

VTT12303288 NaRiKa BeeSpi V Light Gate Holding Rod £21.25

PASCO Discover Freefall System

PASCO's Discover Freefall System can be used to drop almost any small object by attaching a small steel washer with a small adhesive pad (both are included in the system). Using an electric switch, timing is started automatically, just as the object is dropped. And the Time-of-Flight Pad stops timing when the object strikes it.

Students can investigate the effect of air resistance on acceleration. In addition, students can drop objects of the same size but different mass to study how object mass affects terminal velocity during freefall. The drop box has a magnetic mount for attaching to metal frames in ceilings.



ME-9889 Freefall System £691.04

PASCO Freefall Adapter

This adapter is an auto release mechanism that works with Photogate Timers, Smart Timer, and the 850 and 550 Interfaces.



ME-9207B Freefall Adapter £376.29

PASCO Freefall Balls Accessory

Set of balls for use with the Discover Freefall System.

Incorporates special stickers to attach metal washers to the plastic balls, allowing them to be suspended from a magnet.



ME-9890 Freefall Balls Accessory £65.54

EduLab G By Freefall Apparatus and Timer

Includes an electromagnet unit, heavy steel sphere, millisecond timer, terminals and platform unit.

Timer can also be used with light gates and for manual timing.

Timer also available separately.



VTT12306050 Apparatus and Timer £192.26

VTT12306052 Millisecond Timer £172.96

Shop our complete range of Physics products online at vittaeducation.com/physics

PHYSICS

Boyle's Law Apparatus

Designed to easily demonstrate Boyle's Law, this apparatus uses colour water or oil that is gradually pumped from a reservoir into a tube containing air.

Whilst the volume of air is read from the graduated tube, pressure is measured by a Bourdon gauge.



VTN12302225 Boyle's Law Apparatus £87.50

Charle's Law Apparatus

The unique design of the Charles's Law Apparatus provides the experimental conditions to demonstrate that the volume of an ideal gas at constant pressure is directly proportional to the absolute temperature.

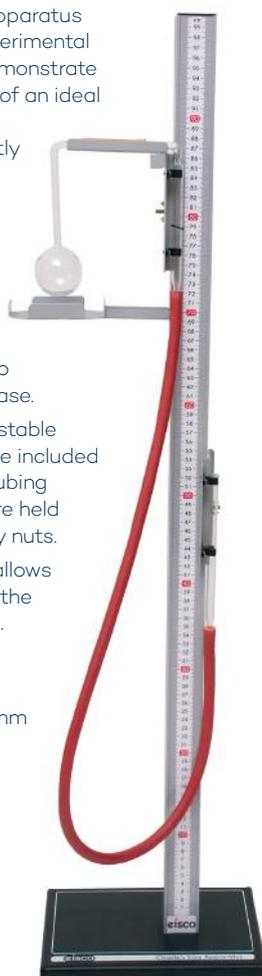
The Apparatus consists of an aluminium rail with a 100cm scale mounted to a heavy metal base.

Two height-adjustable riders support the included glass bulb and tubing assembly, and are held to the rail with fly nuts.

It's large height allows easy visibility to the entire classroom.

Includes setup instructions.

- Height: 1000mm



VTT12306895 Charles's Law Apparatus £68.04

TECH SUPPORT?



Reach out for a VITTA Discovery Day and get hands-on advice from our team on all your equipment and lab-related issues.

Book a call or visit online at vittaeducation.com/discovery

EduLab Kinetic Theory Model

Large demonstration model to show kinetic energy using the included polystyrene balls.

Requires power supply.



201-001 Kinetic Theory Model £27.35

PASCO Heat Engine & Gas Law Apparatus

The Heat Engine and Gas Law Apparatus enables students to perform a number of quantitative gas law experiments, including Charles' Law and Boyle's Law while exploring a functional heat engine.



TD-8572A PASCO Heat Engine & Gas Law Apparatus £402.99

Premium Gyroscope



Premium, heavy duty 75mm brass rotor balanced with three pairs of adjustable cast iron pivots fitted on stand.

Ideal for classroom, lab and home settings.

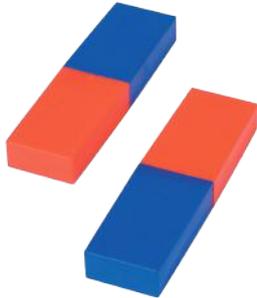
VTT12307204 Premium Gyroscope £55.80

PHYSICS

Pair of Bar Magnets

A pair of plastic cased ceramic magnets coloured half red and half blue.

- Dimensions: 80x23x10mm

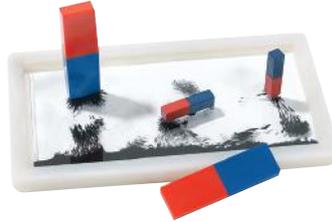


VTN12302517 Bar Magnets £7.18

Magnetic Field Pattern Kit

Soft white silicone edged frame containing magnetic powder in a water based solution. Allows observation of the invisible magnetic fields surrounding a magnet and how other magnets influence them.

Includes a selection of bar magnets and full instructions. Dimensions: 220x120x10mm.



VTN12302509 Magnetic Field Pattern Kit £42.10

Alnico Bar Magnets

Supplied in pairs with keeper.

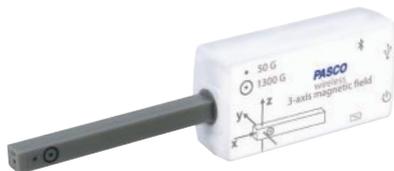


VTT12303406 50x15x10mm £13.60

VTT12303408 100x10x7mm £12.83

PASCO Wireless Magnetic Field Sensor

This 3-Axis Magnetic Field Sensor can sense the Earth's magnetic field, magnetic fields from current-carrying coils, and permanent magnets. There are two ranges: ± 50 gauss and ± 1300 gauss. This sensor is primarily for static fields.



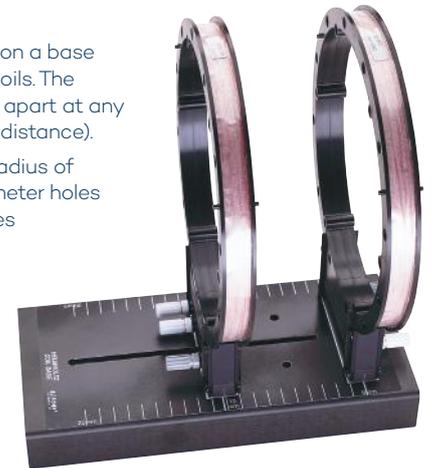
PS-3221 Wireless Magnetic Field Sensor £177.31

PASCO Helmholtz Coil Set

The Helmholtz Coils consist of two coils mounted on a base to provide a uniform magnetic field between the coils. The base has a slot that allows the coils to be spaced apart at any distance from 30mm to 20mm (centre-to-centre distance).

The proper separation for Helmholtz coils (i.e the radius of the coils) is marked on the base. Two 6.35mm diameter holes between the coils accommodate mounting devices in the uniform magnetic field.

Used to simulate the magnetic field of the Earth or other celestial bodies!



EM-6724 PASCO Helmholtz Coil Set £542.08

Plotting Compasses

Basic 16mm plotting compass with principal points marked. Glass face compass in an aluminium case provides a simple, teachable way to demonstrate magnetic fields in class.

- Pack of 10



VTN12302199 Plotting Compasses £3.78

Magnetic Compass

Plastic cased magnetic compass with markings stated every 30 degrees.

- 55mm diameter



VTN12302197 Magnetic Compass £1.39

Metal Testing Strips

Set of 12 metal strips ideal for lessons related to magnetism. Individually stamped with a key letter for identification.

- Size: 50x25mm



VTN12302231 Metal Testing Strips £5.28

PHYSICS

Forcemeter Tubular Balances

This selection of force meters allows students to explore force and measurement principles in physics. Each balance features a clear, easy-to-read scale for accurate force measurement in newtons.

Perfect for force activities and other scientific concepts.



VTT12303296	250g/2.5N, Blue	£2.37
VTT12303297	500g/5N, Green	£2.37
VTT12303298	1Kg/10N, Beige	£2.37
VTT12303299	2Kg/20N, Red	£2.37
VTT12303300	3Kg/30N, White	£2.37
VTT12303301	5Kg/50N, Yellow	£2.37
VTT12303302	Set of 6	£16.06

Two Way Force Meter

Ideal for using the grams scale for a mass activity and the newton's scale for a force activities.

Transparent acrylic tubular body with a dual scale of grams and newtons.

Available individually or as a set of 6.



VTT12303303	10N, Beige	£2.80
VTT12303304	Set of 6	£24.56
VTT12303305	20N, Red	£2.80
VTT12303306	2.5N, Blue	£2.80
VTT12303307	30N, White	£2.80
VTT12303308	5N, Green	£2.80
VTT12303309	50N, Yellow	£3.02

NaRiKa Newton Meter

Compact digital force meter offers an alternative to multiple spring operated meters and allows force measurements in both push and pull experiments.

- Size: 157x45x24mm
- 2kg/20N



VTT12303217 NaRiKa Newton Meter £43.22

PASCO Hooke's Law Spring Set

Includes three springs of different spring constants (5N/m, 8N/m and 70N/m). Three of each type included.

- Size: 55x7mm



SE-8749 Hooke's Law Spring Set £41.26

Extension Spring

The sturdy, 4-inch extension spring provides the perfect tool for studying various mass-related experiments.

- Size: 100x5mm (approx)
- Pack of 10



VTN12302594 Extension Spring £2.98

Steel Extension Spring

Coiled Steel Spring with double loop ends ideal for studying various mass-related experiments.

- Size: 55x15mm (approx)
- Pack of 200



VTN12302388 Steel Extension Spring £41.56

Hooke's Law Apparatus

Hooke's Law Apparatus is used to demonstrate that the relationship between the extension on a spring is proportional to the load applied to it.

The kit includes a 15cm adjustable scale mounted on sturdy 30cm support rod and a wooden base. A hook supporting a coiled spring with a 10g mass hanger and indicator is attached to rod.

Additional slotted masses must be purchased separately.



VTN12302387 Hooke's Law Apparatus £15.09

Also ideal for sports science and multi-curricular use



PS-3229 PASCO Wireless Force Platform

PASCO Wireless Force Platform

Used to measure the static weight of a structure or person, the dynamic vertical forces created when moving or jumping, or the forces associated with the impact of falling objects up to 5,200N.

Four adjustable feet make levelling quick and easy, ensuring stability between the force beams and the surface below.

Students can measure the force applied to each beam independently or the overall resultant force acting on the surface of the platform.

PS-3229 PASCO Wireless Force Platform £1,076.74

PHYSICS

Wooden Meter Lever Kit

A versatile tool for physics demonstrations, designed to study the principles of torque, mechanical advantage, and equilibrium.

Supplied with 2 sets of 100g weights.

- 1 meter long scale



VTN12302404 Wooden Lever Kit **£22.35**

Rod & Bench Mounting Pulley

Light alloy pulley, held in a bracket, with two clamping screws for bench and rod support.

Can be clamped to a bench edge, screwed to a flat surface, or held on a support rod.

- 70mm diameter



VTN12302402 Mounting Pulley **£13.62**

PASCO Super Pulley Force Table

Force Table uses super pulleys to reduce friction for improved accuracy during vector experimentation. It is easy to use and store, making it ideal for classroom experimentation.

Students can independently investigate the addition of vector forces and resolve vectors into their components.



ME-9447B PASCO Super Pulley Force Table **£262.60**

PASCO Super Pulley with Clamp

Additional Super Pulley for use with PASCO Super Pulley Force Table (ME-9447B).



ME-9448B Super Pulley with Clamp **£52.19**

PASCO Mass and Hanger Set

Includes varying units of mass that attach to the 5.0g mass hangers' steel posts.



ME-8979 Mass and Hanger Set **£146.89**

Brass Slotted Mass & Hanger Sets

Set comprises masses of Brass with slots, brass hangers with hook. Fine finish, masses removable and replicable on hanger.

- 9x weights and 1x hanger



VTT12303310	100g	£7.31
VTT12303311	200g	£13.92
VTT12303312	500g	£23.60
VTT12303313	1Kg	£29.28

Slotted Brass Weights

Selection of brass masses with in-built slots.



VTT12303319	5g	£0.87
VTT12303321	20g	£1.41
VTT12303322	50g	£2.65
VTT12303323	100g	£3.97

Lead Plumb Bobs

Approximate dimensions. With open hook.



VTT12303334	13mm, Pack of 10	£13.04
VTT12303335	19mm, Pack of 10	£18.90
VTT12303336	25mm, Pack of 5	£27.10

Hexagonal Iron Mass

Selection of cast iron masses with ring hook.



VTT12303314	100g	£2.55
VTT12303317	1Kg	£8.97

Brass Plumb Bob

Brass pendulum bob with open hook.

- Pack of 10



VTT12303337	13mm	£7.25
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DATA LOGGING

Discover NEXT-GEN science equipment and teacher resources with PASCO.

Exclusively available from VITTA Education in the UK, PASCO's award-winning line of wireless sensors are durably designed and easy to use to help educators bring real-world technology into the hands of students. The wireless sensors feature student-friendly designs, manual and automated data collection, interactive displays and other modern features that enhance science learning. Plus, they connect directly to computers using FREE SPARKvue software on mobile and desktop devices*, making it easy to support student investigations.

Look out for the wide range of PASCO products throughout this catalogue.**



VITTA
EDUCATION
EXCLUSIVE

TRADE IN AND TRADE UP FOR MONEY OFF YOUR NEW DATA LOGGING EQUIPMENT!

Swap out-dated and unused tech to SAVE on new science equipment.

How It Works:

- 1. Get in Touch** – Tell us what equipment you need and what you're looking to replace.
- 2. Confirm Your Order** – We'll send you confirmation and a returns form for your old equipment.
- 3. Fast Delivery** – All in-stock** equipment will be dispatched quickly – often the same day!
- 4. Send Back the Old** – Complete the returns form and send it back with your old equipment.

Find out more on page 4 or contact us to see how other customers have used the Trade-In scheme to swap out other brands like:



PASCO Wireless pH Sensor

PS-3204 (see page 33)

The Wireless pH Sensor is a must-have for any chemistry, biology, or environmental science course. Equally capable in the lab or field, the sensor eliminates the hassle of cables, reducing spills and improving safety. Logs pH data directly onto the sensor for long-term experiments.



PASCO Wireless Drop Counter

PS-3214 (see page 33)

Able to measure up to 40 events per second with drops as small as 0.5mm.



Ask us about swapping out your existing data-loggers

PASCO Wireless Light Sensor

PS-3248 (see page 32)

The Wireless Light and Colour Sensor features two separate apertures: One measures ambient light from the side of the box, and the other measures percent colour of directional light at the end of the box.



PASCO Wireless CO₂ Sensor

PS-3208 (see page 17)

The Wireless CO₂ Sensor measures carbon dioxide gas levels and wirelessly streams data to your computers, tablets, and smartphones.



PASCO Wireless Weather Sensor with GPS

PS-3209 (see page 16)

An all-in-one instrument for monitoring complex environmental conditions.

- Water resistant
- Logging mode



PASCO Wireless Temperature Sensor

PS-3201 (see page 107)

Transmits live data and allows students to continuously monitor, log, and plot temperature measurements on nearly any device.



BEST SELLER

PASCO Wireless Colorimeter & Turbidity Sensor

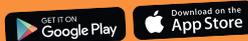
PS-3215 (see page 32)

Simultaneously measures the absorbance and transmittance of six different wavelengths.



Start your PASCO journey with FREE SPARKvue Software!

FREE to download and FREE to use... easily view and record data on Mac/PC, iOS or Android.



DATA LOGGING



FREE AWARD-WINNING SOFTWARE!

SPARKvue is PASCO's award-winning software for collecting and analysing experimental data from its sensors. The user-friendly platform optimises data collection and provides tools for in-depth analysis all within its powerful workspace.

SPARKvue also features Blockly coding, allowing students to use block-based code for sense and control PASCO devices, including wireless sensors.



COLLECTING DATA MADE EASY!

Automate sensor data collection to monitor measurements in real time and save time with pre-made and custom experiment files.



Digits Display



Bar Graph Display



Meter Display



GIS Map Display

PASCO Wireless Pressure Sensor

PS-3203 (see page 33)

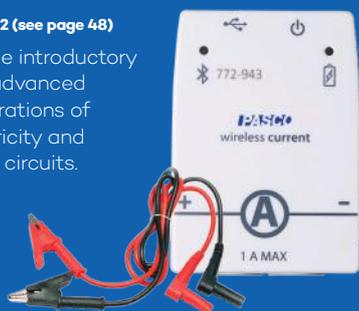
Allow students to easily collect accurate gas pressure data for a wide range of applications.



PASCO Wireless Current Sensor

PS-3212 (see page 48)

Enable introductory and advanced explorations of electricity and basic circuits.



PASCO UV-Vis Spectrometer

SE-3607 (see page 32)

An easy-to-use, wide range UV-Vis spectrometer that delivers fast, reliable and accurate performance.



PASCO Wireless Spectrometer

PS-2600A (see page 32)

Specifically designed for introductory chemistry, biology, and physics labs.



PASCO BROCHURES

Discover the full range of data logging equipment and accessories available for all your science needs in PASCO's subject catalogues...



PASCO Smart Cart Dynamics System

ME-5707B (see page 64)

Ideal for investigating mechanics topics such as velocity, acceleration, Newton's laws, forces, collisions, and the conservation of momentum and energy. A variety of accessories can be also be added to expand the dynamics system's functionality.



Find out all you need to know... book a discovery call at vittaeducation.com/discovery

- VTT12307110 PASCO Physics Brochure
- VTT12307113 PASCO Chemistry Brochure
- VTT12307114 PASCO Biology Brochure
- VTT12307115 PASCO Engineering Brochure
- VTT12307116 PASCO Environmental Brochure
- VTT12307117 PASCO K-8 Science Brochure
- VTT12307118 PASCO STEM Sense Brochure
- VTT12307119 PASCO Spectrometer Brochure
- VTT12307120 PASCO Structures Brochure

Shop our EXCLUSIVE range of PASCO Data Logging products online at vittaeducation.com/PASCO

STRUCTURES



The Fundamentals of Structural Engineering

PASCO's Structures System offers realistic, hands-on tools for students to design and create life-like structures in the classroom. Intended for teaching principles of engineering and mechanical design, these systems are ideal for civil and mechanical engineering education courses. Materials range in complexity from single trusses to dynamic kits for design-based experimentation.

PASCO Structures allow students to mirror the work of real-world engineers...

- Ultra-Realistic: I-beams bend and behave like the real thing
- Scalable: Components are numbered by length for easy identification and scaling
- Quantitative: Load Cells make real-time measurements of tension and compression.
- Limitless: Universal kit components let students study structures of any complexity.



FIND OUT MORE

Discover the NEW complete range of PASCO Structures and accessories at vittaeducation.com/PASCO

PASCO Bridge Set

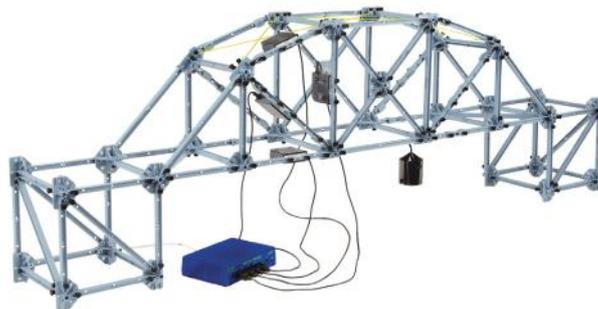
Introduce students to the basics of bridge building with a good selection of materials to build large trusses and bridges, as well as a flexible Road Bed and Car for studying dynamic loading as the car traverses the bridge. Even build roller coasters!



ME-6991 PASCO Bridge Set £478.28

PASCO Advanced Structures Set

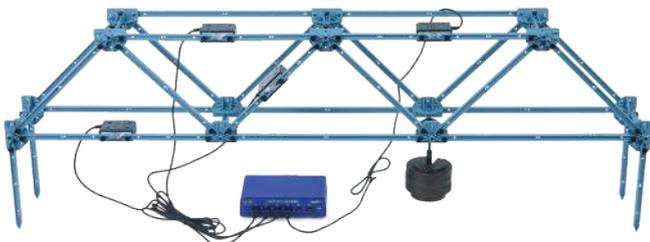
Expand your Bridge Set to construct a wider collection of large structures, including tower and angle cranes, human arm and back models, and even a functioning catapult.



ME-6992B PASCO Advanced Structures Set £841.92

PASCO Basic Bridges

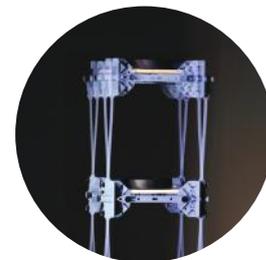
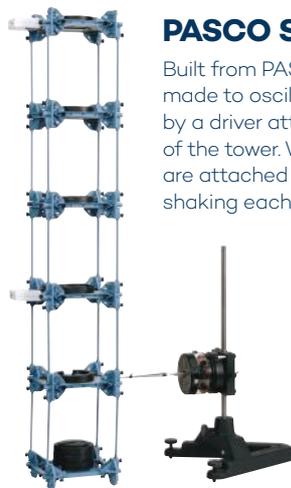
Study the properties of different types of bridges through hands-on exploration, and collect measurements to compare the tension and compression in their beams.



EX-5556 PASCO Basic Bridges £1,685.73

PASCO Shaking Tower Experiment

Built from PASCO Structures beams, this tower is made to oscillate in its various resonance modes by a driver attached by a rubber band to the first floor of the tower. Wireless Load Cells with Accelerometers are attached to each floor to record how much shaking each floor experiences.



EX-5555 PASCO Shaking Tower Experiment £1,615.62

STRUCTURES



Ideal for STEM learning and cross-curricular use including physics, maths and computer science!

PASCO Large Structures Set

The Large Structures Set includes all the components contained in the Advanced Structures Set (ME-6992B) plus additional parts to build even bigger structures. It also includes the Mini Cars with plastic track to build roller coasters, and to add realistic roadbeds to your bridges.

ME-7003	Large Structures Set	£1,494.24
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PASCO Motorised Drawbridge

Build this drawbridge from PASCO Structures, add a stepper motor and gears, and write code to raise and lower it. This bridge kit also includes a Wireless Load Cell/Accelerometer to measure forces within the bridge while it moves.



ME-7028	Motorised Drawbridge	£958.78
ME-7038	without //controlNode	£772.22

PASCO Motorised Crane

Made using PASCO Structures and controlled by the //controlNode. Students can program the crane using Blockly coding embedded in PASCO software.



Build your own robot

ME-7030	Motorised Crane	£1,219.75
ME-7040	without //controlNode	£957.37

PASCO StructureBOT

A versatile robot that enables students to build several different configurations like front-wheel or rear-wheel steering. Students will learn how to program movement using Blockly coding embedded in PASCO software.



ME-7029	StructureBot	£958.78
ME-7039	without //controlNode	£772.22

PASCO Structures Hydraulics

Add a hydraulic/pneumatic ram to make your structures move and do work. See the cranes and jacks in action, plus directly measure the pressure and volume to calculate how much work was done.



ME-6984	Hydraulics	£294.98
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PASCO Wireless Load Cell and Accelerometer

A wireless way to measure tension and compression forces in PASCO Structures while also providing acceleration data for all three dimensions plus the resultant.



PS-3216	Load Cell and Accelerometer	£181.11
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PASCO Control Node

The //controlNode provides power to and controls STEM Sense peripherals like lights, fans, pumps, stepper motors, servo motors, and a growing line of other accessories.



PS-3232	Control Node	£229.23
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LAB EQUIPMENT

DuraLab Precision Balances – 0.01g

Engineered to deliver reliable performance in any laboratory setting, these precision balances provide a comprehensive solution for accurate weighing.

- Readability: 0.01g
- Extended 5 year warranty

**BUY 1
GET 1
FREE***



DRL0048	1000g x 0.01g - BUY 1, GET 1 FREE	£92.00
DRL0049	3000g x 0.01g	£108.00

Digital Mini Pocket Balance

- Capacity: 500g
- Resolution: 0.01g
- 60 second auto shut-down
- Blue back light
- Auto calibration
- Tare to full capacity
- 6x different unit Readings
- Includes 2x clear bowls



VTT12306908	Digital Mini Pocket Balance	£12.80
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DuraLab Precision Balance – 0.001g

Designed to offer an economical yet comprehensive solution for accurate weighing, the DP-303W, with draft shield, provides a versatile solution for general weighing in laboratory, industrial and educational settings.

- Capacity: 300g
- Readability: 0.001g
- Extended 5 year warranty



DRL0050	DuraLab Precision Balance – 0.001g	£164.00
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Heating Mantle with Temperature Control

This heating mantle features an energy regulator with a time-proportional double-pole system that "ramps" the heat, ensuring stable control and minimizing the risk of overheating the liquid. The dial setting allows for approximate temperature adjustment up to 450°C.

The mantle is made from soft, fiberglass-woven material, offering excellent impact protection and ensures optimal heat transfer to the flask.

With superior design and construction, the heating mantle offers a stable base and includes an integral clamp for attaching to a retort stand (sold separately).

- Capacity: 50ml
- Easy operation
- Compact size



VTN12301373	Heating Mantle with Temperature Control	£168.17
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Economy Heating Mantle

An essential pieces of equipment in any lab, the Economy Heating Mantle offers quick and homogeneous heating and low energy consumption, ideal for school laboratories and can be used for distillation, digestion, evaporation, extraction and boiling.

Outer frame made of furnace-painted steel and a thermally isolated inner vessel .

Features chromium-nickel heating elements and include a clamp for supporting rods.

- Capacity: 100ml



VTT12301452	Heating Mantle	£118.45
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NEW

Duralab DS-380 Advanced Series Magnetic Hotplate and Stirrer

Easy operation to meet various heating and stirring needs with a high performance ceramic hotplate allowing for temperatures to reach up to 380°C.

Comes complete with rod, temperature probe and magnetic stirrer bar.

- Integration timer (0-99 minutes)
- Excellent corrosion resistance
- 100-1500rpm
- LCD display
- 1000W
- DC brushless motor
- 2 year warranty



DRL0086 DS-380

£198.00

LAB EQUIPMENT

Essentials Digital Hotplate & Stirrer

Hotplate and stirrer with adjustable stirring time and maximum heating temperature up to 300°C. Includes a temperature probe and 30mm stirrer bar.

- Large LCD display
- Speed controls
- Adjustable heating temperature, stirring times and speeds



VTT12306377 Digital Hotplate & Stirrer

£154.16

Clifton Analogue Unstirred Water Baths

Ideal for general use and will operate at 100°C but are not designed for continuous boiling.



VTT12300743	25 Litre	£466.48
VTT12300745	8 Litre	£519.34
VTT12300746	14 Litre	£532.86
VTT12300747	22 Litre	£684.68

Digital Dry Bath

Designed for basic to advanced applications with a max temperature of 130°C and timer.

- Includes UK & EU plugs
- Loading block



VTT12306850 Digital Dry Bath

£592.18

DuraLab Digital Water Bath

Designed for precise and reliable temperature control in educational laboratories. Ideal for applications such as microbial incubation, sample thawing, and general laboratory heating, these baths offer consistent performance and user-friendly operation.

- Temperature Range: Ambient +5°C to 99°C
- Clear hinged lid on all models
- Unstirred



LED Display



Warranty

Download spec sheets for
all DuraLab products online

DRLO087	Duralab DB-310 Digital Water Bath - 8 Litre	£345.00
DRLO088	Duralab DB-320 Digital Water Bath - 18 Litre	£414.00
DRLO089	Duralab DB-330 Digital Water Bath - 26 Litre	£548.00

Shop our complete range of Lab Equipment online at vittaeducation.com/lab-equipment

LAB EQUIPMENT

DuraLab Vortex Mixer

A simple laboratory mixer designed for working with a range of tube sizes and samples. Torque sensors keep a constant speed regardless of load, ensuring perfect vortexing within the vessel.

- Suction cup feet for stay-put stability
- Includes 8x 5ml tube attachment
- 100-3000rpm



Additional block adapters available



DRL0091	Duralab DV-110 Vortex Mixer	£175.00
DRL0092	Duralab Petri Dish Attachment for DV-110 Vortex Mixer	£53.80
DRL0093	Duralab Plate Holder Attachment for DV-110 Vortex Mixer	£53.80

Cole-Parmer Orbital Shaker

The SH-200D-OL large orbital shaker with built-in timer provides a smooth shaking action and maintains consistent shaking speeds, even over long periods of time.

- Max 300rpm
- LED display



VTN12301334	Orbital Shaker	£1,609.52
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DuraLab C15 Clinical Lab Centrifuge

Elevate your laboratory's efficiency with the DuraLab C15 Clinical Lab Centrifuge. Ideal for serum, plasma, buffy coat, and red blood cell separation, this centrifuge combines performance with safety and ease of use.

Perfect for clinical settings and educational environments alike, it is an essential tool for both professional and teaching laboratories.

- Effortless Operation
- Brushless DC motor
- Quick Spin Function
- Enhanced Safety
- Robust Construction
- Range: 300-4500rpm
- LCD Display
- Dimensions: 354x304x215mm
- Weight: 6kg



FREE* pack of Centrifuge Tubes with every purchase

DRL0036	DuraLab C15 Clinical Lab Centrifuge	£785.00
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Centrifuge Tubes

High-resistance, conical-bottom tubes made of transparent, copolymer polypropylene, sterile by radiation and withstand temperatures down to -90°C.

- Capacity: 15ml
- Dimensions: 17 x 118mm
- Pack of 500



VTS12300002	Centrifuge Tubes	£156.32
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DuraLab M2 Mini Lab-Top Centrifuge

Ideal for quick spin downs, micro-filtration and cell separation.

Runs to a maximum of 7000rpm and has a noise level of less than 45dB.



DRL0035	M2 Mini Lab-Top Centrifuge	£149.00
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LAB EQUIPMENT

Cole-Parmer Stuart Water Still W4000 4L/hour

The W4000 water still combines high performance and economy, producing up to 4 litres/hour of distilled water.

It features a borosilicate glass boiler, 3kW heater, and can be bench or wall mounted. It's easy to clean, requiring no disassembly.



VTT12302499 Water Still W4000 **£1,117.08**

Cole-Parmer Stuart Water Still D4000 4L/hour

The D4000 water still produces 4L/hour of distilled water with all-glass construction, a silica-sheathed heating element, and an efficient condenser. It features a level control device for automatic shut-off, simple cleaning, PTFE drainage stopcock, screw-thread connectors, and two thermostats for added safety.

Requires hard-wiring.



VTT12302500 Water Still D4000 **£2,310.21**

GenLab Insulated Drying and Warming Cabinet

Suitable for drying a range of items such as glassware, instruments and PCB's. They are also used to aid any general purpose warming applications.

Sheet steel exterior finished in an easy clean powder coated paint. It is fitted with adjustable shelf runners, removable plated wire grid shelves and ventilation outlets. The insulated unit offers excellent temperature control, allowing greater accuracy during the drying and warming process.

- Capacity: 200 Litres
- Dimensions: 660x1000x500mm



VTT12300887 Drying/Warming Cabinet **£1,840.00**

DuraLab Fan Assisted Oven

Featuring a horizontal forced convection design, it ensures uniform temperature distribution, making it suitable for use in laboratories, research institutions, and industrial settings.

- Enhanced safety with over-temperature audio-visual alarm
- Durable construction with stainless steel interior
- User-friendly interface with LED digital display
- Includes 2x shelves
- 2 year warranty



DRL0080	Duralab DA-610, 43 Litre	£920.00
DRL0081	Duralab DA-620, 71 Litre	£1,120.00
DRL0082	Duralab DA-630, 136 Litre	£1,500.00

Duralab Fan Assisted Dual Purpose Oven/Incubator

Designed to serve both as a drying oven and an incubator, it is ideal for applications such as sterilisation, drying, and microbial cultivation.

- 1-9999min timer range
- Includes 2x shelves
- 2 year warranty



DRL0083	Duralab DP-810, 36 Litre	£999.00
DRL0084	Duralab DP-820, 58 Litre	£1,150.00
DRL0085	Duralab DP-830, 81 Litre	£1,580.00

Shop our complete range of Lab Equipment online at vittaeducation.com/lab-equipment

LAB EQUIPMENT

Duralab 9 Litre Autoclave

Easy one-touch buttons to operate, fully automatic and fits neatly on a work bench.

- Max. instrument length: 220mm
- 22 minute cycle times
- Includes basket
- 2 year warranty



DRL0090 DA-110, 9 Litre **£890.00**

Tuttnauer T-Top Autoclave

This tabletop autoclave economically covers the fundamental needs for general sterilisation allowing your school lab to continue running efficiently.

The large 22 litre capacity unit fits onto a standard bench top with a 5 tray capacity capable of sterilising up to 3.6kg of pouched load. The total cycle time inclusive of drying for a 2kg load is 42 minutes.

Easy to use, touch screen interface for cycle selection, cycle status and data download.

- Dimensions: 462x460x585mm
- Weight: 45kg



VTT12306968 Autoclave **£4,450.00**

Multi Purpose Digital Benchtop Incubator

Highly efficient, reliable and cost effective units suited to analysis, research, education and general laboratory applications.

Touch screen control system which offers intuitive control and excellent accuracies.

Constructed from sheet steel and finished in an easy clean powder coated paint.

- Fan assisted
- Range: 5°C to 70°C



VTT12300861 18 Litres **£1,025.00**

VTT12300870 40 Litres **£1,420.00**

Labcold Underbench Spark-Free Refrigerator

Designed with a spark-free interior, removing all potential ignition sources from the chamber. This ensures enhanced laboratory safety by preventing sparks and hazards within the refrigeration unit.

- Capacity: 150 Litres
- Dimensions: 835x600x600mm
- Weight: 45kg



VTT12301673 Spark-Free Refrigerator **£1,080.28**

Midea Low Frost Fridge-Freezer

This appliance boasts innovative low frost technology, ensuring minimal ice build up and effortless maintenance.

- Dimensions: 1240x470x511mm



VTT12307222 Fridge-Freezer **£220.50**

VTT12307223 Under-Counter Larder Fridge **£132.30**

Dishwasher

This free-standing white dishwasher features 6 programmes, a quick wash cycle, low water consumption and accommodates 13 place settings across two racks – perfect for a busy laboratory or prep room.

- Super Active drying system
- Energy efficiency: E
- Dimensions: 850x598x598mm



VTT12307221 Dishwasher **£268.20**

LAB EQUIPMENT

SATZ School Stopclock

Compact and specifically designed for use in schools, this stopclock is highly accurate and securely housed in a robust ABS casing. Featuring 4mm sockets conveniently located at the rear, this versatile unit effortlessly connects to remote switches, timing gates, and more.



VTT12302300 School Stopclock £22.78

Laboratory Stopclock

Simple but robust laboratory stopclock, with stove-enamelled finish. Two sweep hands indicating seconds and recording minutes.

- Runs for 24 hours on one winding
- Start-stop and zero-reset levers
- Face diameter: 100mm



VTN12301425 Laboratory Stopclock £8.22

Digital Stopwatch

Large digit display stopwatch with 1/100th second precision and lap counter.

Additional functions include calendar, time and alarm.

- 12/24-hour
- Water resistant



VTT12302290 Digital Stopwatch £7.46

Measuring Tape

Rugged rubber-grip case, blade-lock, brake and auto return. Double-riveted tip with wraparound reinforcement. Durable, coated blade. Measures both internal and external lengths. Easy to read graduation marks with highlighted joist marks every 16".

Includes wrist strap and belt clip.



VTT12307253 Measuring Tape £2.86

Digital Vernier Calliper

Quality, stainless steel digital vernier callipers with 4-function measurement: internal, external, depth and step. Thumb wheel fine adjustment and zero setting at any position.

- Large, easy-to-read display
- Accurate to 0.01mm



VTT12307224 Digital Vernier Calliper £16.76

Vernier Calliper with Fine Adjustment

Quality calliper manufactured from hardened stainless steel with four-way measurement: internal, external, depth and step.

Fine screw adjustment and supplied with a plastic storage case.

- Scale: 0-200mm
- Reading: 0.02mm



VTT12306123 0-200mm £50.90

VTN12301434 0-150mm £17.68

Handheld Tally Counter

Analogue counter available with finger holder. Resets by turning knob.

- Four digit display
- Counts from 0 to 9999



776-010 Tally Counter £4.03

Calculators

A choice of calculators for students and professionals.

NEW



VTT12307194 Scientific Calculator £4.63

VTT12307193 Student Calculator £1.60

Vacuum Pump

Reliable and economical pump that's perfect for many common laboratory vacuum applications including sound experiments.



VTN12301385 Vacuum Pump £493.49

LABWARE

EduLab Bunsen Burner Kit

Stock up your supplies and kit out the classroom with the EduLab Bunsen Burner Kit. Includes a class set of the essential equipment to start a basic chemistry experiment.

- 5x Natural gas Bunsen burner
- 5x Bench mats
- 5x Tripod
- 5x Gauze Wire

No gas? See page 84 for electric burners

SAVE
35%*



VTN12301371 EduLab Bunsen Burner Kit

£74.18



Round Base Natural Gas Bunsen Burner

Nickel plated tube with rotatable air regulator and cylindrical connector. Mounted on 80mm diameter die-cast base.

- Tube: 11mm
- Height: 120mm
- Weight: 260g



VTT12301162 Natural Gas

£10.16

Round Base LPG Bunsen Burner

Nickel plated tube with rotatable air regulator and cylindrical connector. Mounted on 80mm diameter die-cast base.

- Tube: 11mm
- Height: 120mm
- Weight: 260g



VTT12301164 LPG

£8.12

Tall Round Base Natural Gas Bunsen Burner

Nickel plated burner tube with rotatable air regulator and cylindrical connector. Mounted on pressure die-cast base.

- Tube: 13mm
- Base: 80mm
- Height: 145mm
- Weight: 280g



VTT12306262 145mm

£7.96

Tall Round Base LPG Bunsen Burner

Nickel plated burner tube with rotatable air regulator and cylindrical connector. Mounted on pressure die-cast base.

- Tube: 13mm
- Base: 80mm
- Height: 145mm
- Weight: 280g



VTT12301165 145mm

£8.97

Semi Micro LPG Bunsen Burner

Nickel plated burner tube with rotatable air regulator on enamelled die-cast base, with a tapered riffled gas inlet.

- Tube: 8mm
- Base: 80mm
- Height: 95mm
- Weight: 250g



VTT12301171 LPG

£9.50

Teclu LPG Bunsen Burner

This is premium option of our burners which allows both air to fuel ratio adjustments using a needle valve.

- Tube: 13 mm
- Height: 155mm
- Weight: 370g



VTT12301172 LPG

£21.30

Ask us about our Class Pack pricing and bulk discounts

LABWARE

Gas Lighter

This self-contained electric generator requires no batteries, fuel or flints.



VTN12301370 Gas Lighter **£4.84**

Safety Matches

- Pack of 10 boxes



VTT12301176 Matches **£0.94**

Bench Mats

Everyday bench mats made from calcium silicate and asbestos-free with well-finished edges.

- Packed in sturdy cartons
- UKAS tested
- Pack of 10



VTT12301989	150x150mm	£8.59
VTT12301990	230x230mm	£10.39
VTT12301991	300x300mm	£14.92

Iron Gauzes with Ceramic Centre

- 250x250mm
- Pack of 10



VTT12301429 Gauze **£18.32**

Stainless Steel Tripod

200mm tall and made from stainless steel with rubber feet.



VTN12301454 Tripod **£0000.00**

Rubber Bunsen Burner Tubing

- Length: 600mm



VTT12302406 600mm **£69.48**

Wood Splints (1000)

All you need in the classroom for lighting Bunsen burners, testing for oxygen, and more.



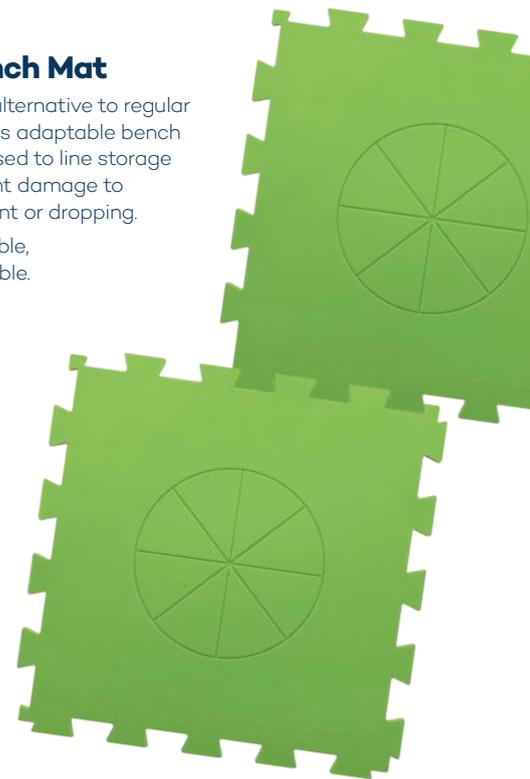
VTT12301178 Splints **£6.23**

Bench-Armour Interlocking Bench Mat

Heat proof long lasting alternative to regular bench mats also provides adaptable bench protection and can be used to line storage trays and sinks to prevent damage to glassware from movement or dropping.

Extremely flexible, wipeable, autoclavable and washable.

- 250x250mm



VTT12301993 Bench-Armour Interlocking Bench Mat **£3.92**

DuraFlex Tubing

DuraFlex Tubing is a durable, cost-effective alternative to natural rubber tubing. Engineered for superior longevity, this high-quality tubing lasts significantly longer than traditional rubber, reducing replacement frequency and costs. Its UV-resistant material also ensures optimal performance in demanding environments.

The unique square exterior profile prevents rolling and keeps the tubing securely in place on workbenches.

Available in 6mm wall vacuum tubing and 2mm wall Bunsen tubing.

- 8mm bore hole
- Anti-kink design
- UV resistant

Last up to 10x longer than traditional rubber tubing



Square Profile



Flexible

DRLO051	Vacuum Tubing, 5 Metres	£39.40
DRLO052	Bunsen Tubing, 10 Metres	£29.10

Shop our complete range of Labware products online at vittaeducation.com/labware

LABWARE

Rekrow Portable Lab Burner

A safe and reliable butane-powered burner, ideal for laboratories and educational settings. Compact and easy to transport, this CE-marked burner features durable construction for continuous use and safety.

Its heavy base ensures stability, while the refillable design allows for up to 80 minutes of burn-time on the lowest flame setting.

- Model No: RK4102
- Electronic ignition



612-020 Rekrow Portable Lab Burner £39.99

Brass Gas Cartridge Burner with Gas

Designed for use with butane/propane mix gas cartridges. The design of the gas cartridge enables the burner to be detached and re-attached as often as needed making it easily stored and transported.

Constructed entirely in brass with a replaceable plated steel perforated head. When used with the 220g gas cartridge the burner fits a standard 200mm high tripod.

Typical burning time of the 220g cartridge is 2 hours 45 minutes.



VTN12301366 Burner and Gas Cartridge £33.52

VTN12301368 Spare Gas Cartridge £11.47



SCAN TO SEE IT IN ACTION



NO NEED FOR GAS

When is a Bunsen burner not a Bunsen burner? – When it's an electric heater!

Reduce the risk of burns, control the rates of boiling and use in any location without the need for gas with the **BECELEC 2**.

Create an incandescent localised heat source comparable to heating mantels which have been used in A level chemistry teaching for a long time but allow for more functionality and a heat range up to 920°C.

- Boil or heat liquids safely in tubes or flasks without risk of knocking over tripods
- Best used with borosilicate glass
- Supplied with retort stand

medline scientific

A CALIBRE SCIENTIFIC COMPANY

VTN12301369 Medline BECELEC 2 £199.87

TRADE IN AND TRADE UP

Swap out old or unused equipment with VITTA's Trade-In Scheme. Take advantage and treat your school and students to the latest science tech to help enhance their education and love for science.

Find out more on page 49 or visit vittaeducation.com

[/trade-in-scheme](http://vittaeducation.com)

and save on new-for-old equipment!



Glass Spirit Burner with Metal Screw Cap

Glass spirit burner with screw-in metal wick holder.

- Capacity: 100ml

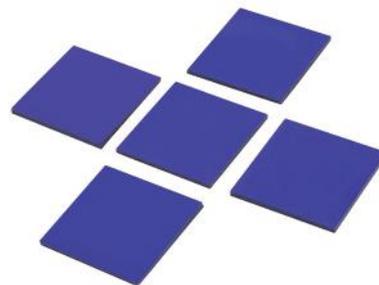


BRN070020 Spirit Burner £3.29

Cobalt Blue Glass

5x piece of cobalt glass used in flame testing for the detection of potassium ions.

- Size: 75x50mm
- Pack of 5



VTN12302046 Cobalt Blue Glass £25.76

LABWARE

Bosshead

Made from cast alloy with blue plastic headed, nickel plated steel screws.

For use with rods up to 16mm in diameter.

- Screw size: M6



VTT12301951 Bosshead £1.71

Retort Clamp with Cork Jaws

Steel retort clamp with cork-lined jaws that help to protect labware and can open up to 75mm in diameter

- Length: 245mm



VTT12301964 Retort Clamp £3.25

Retort Clamp with Rubber Jaws

PVC coated die-cast jaw, with clamping tommy bar and mounted on a 135mm rod.

- Jaw capacity: 90mm
- Overall length: 250mm
- Rod diameter: 8mm



VTT12301963 Retort Clamp £3.58

Bosshead with Rubber Jaw Retort Clamp

Die-cast alloy retort clamp with PVC coated jaws fixed to bosshead for rods up to 15mm in diameter. Jaw capacity of 90mm.



VTT12301965 Bosshead & Retort Clamp £6.72

Bosshead with Cork Jaw Retort Clamp

Die-cast alloy clamp retort with cork lined jaws fixed to bosshead for rods up to 15mm in diameter. Jaw capacity of 90mm.



VTT12301966 Bosshead & Retort Clamp £6.72

Retort Rings

Used to hold various different glassware, but mainly used for separating funnels and similarly shaped glass.



VTT12306006 80mm Diameter £1.61
 VTT12306007 100mm Diameter £4.06
 VTT12306008 150mm Diameter £1.89

Steel Retort Rod

Retort rod made of high quality stainless steel and features a 10mm x 1.5mm metric thread.

- Diameter: 12mm



VTT12301943 500mm £2.96
 VTT12301944 600mm £3.99
 VTT12301945 750mm £6.27

Aluminium Retort Rod

Made of high quality aluminium and features a 10mm x 1.5mm metric thread. Sturdy construction provides superb stability for basic experiments and set-ups.

- Length: 1000mm
- Diameter: 12mm



VTT12301946 Retort Rod £6.59

Retort Stand and Rod Set

Mild Steel Rod and heavy duty retort stand base.

Look after your budget... Ask about our Class Pack pricing and bulk discounts



VTT12301925 150x100x450mm £7.36
 VTT12301926 225x150x600mm £11.81
 VTT12301927 300x150x900mm £15.83

Steel Retort Stand Base

Heavy duty rectangular retort base made of corrosion resistant, powder coated pressed steel. 165x100mm.



VTT12301939 160x100mm £6.18
 VTT12301940 200x125mm £7.87
 VTT12301941 250x160mm £10.45

Cast Iron A-Frame Retort Stand Base

A-shape retort base made of chemical-resistant cast iron with a blue coating

Holds 14mm rods (sold separately) secured with a tightening screw

- 205x205mm



VTT12301942 A-Frame Retort Stand Base £14.90

LABWARE

Borosilicate Glass Rimmed Test Tubes

Set of test tubes made of high-quality borosilicate 3.3 Glass. Tubes feature uniform, 1.2mm walls and beaded rims.

Autoclavable with superior chemical durability and can withstand direct flame, high temperatures and thermal shocks.

**BUY 5
GET 1
FREE***



VTT12302229	10x75mm, Pack of 100	£13.61
VTT12302230	12x75mm, Pack of 100	£14.09
VTT12302231	12x100mm, Pack of 100	£16.71
VTT12302232	16x100mm, Pack of 100	£21.41
VTT12302233	16x125mm, Pack of 100	£23.17
VTT12302234	18x150mm, Pack of 100	£25.17
VTT12302235	24x150mm, Pack of 50	£19.53

Heavy Walled Test Tubes (Boiling Tubes)

Heavy-walled test tube ideal for centrifugation, boiling, and open flame reactions due to its durability and resistance to thermal shock.

Made of high quality, borosilicate 3.3 glass.

- Autoclavable for easy sterilisation
- 2mm walls and beaded rim



VTT12307218	15ml, Pack of 100	£36.09
VTT12307219	50ml, Pack of 50	£44.64

Combustion Tube

Open-ended, heat-resistant tube made of borosilicate glass designed to hold samples that will be burned or reacted under controlled conditions.

- Length: 300mm
- Pack of 5



VTT12306987	Combustion Tube	£7.77
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Soda Glass Tubing

- Length: 500mm
- Pack of 30



VTT12302363	5mm	£15.43
VTT12302366	8mm	£15.19

Convection Tube

Its gentle heating produces convection current which can be clearly observed by inserting small amount of dye or any other indicator in it.

- 200x150mm



PH0408B	Convection Tube	£14.37
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Thiele Tube

Designed to contain and heat an oil bath, primarily used to determine the melting or boiling point of a substance.



CHO884	Thiele Tube	£4.90
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Salt Bridge

Used to connect two beakers together and consists of an inverted u-tube with its ends closed by sintered discs.

- Width: 80mm
- Height: 100mm



VTN12302084	Salt Bridge	£8.97
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LABWARE

Steel Wire Test Tube Holder

Plated steel wire spring holder with finger grip. Easy to use and durable for classroom use. The jaws will accept tubes up to 30mm in diameter and their alignment is maintained by a wire collar.



VTT12302334 Pack of 10 **£4.34**

Z-Shape Metal Test Tube Rack

Made from a powder coated steel sheet. This stand has 5x 28mm holes, 6x 20mm holes and 8x 13mm holes.

- Height: 75mm
- Length: 200mm

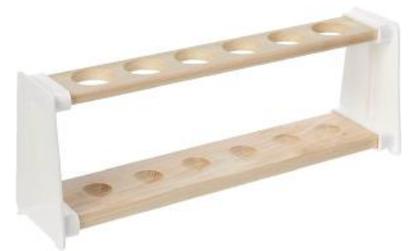


VTT12301656 Single Rack **£4.78**

VTT12301657 Pack of 10 **£39.59**

Wooden Boiling Tube Rack,

This durable hardwood test tube stand holds 6 test tubes or boiling tubes up to 32mm in diameter. Featuring plastic ends for added stability and safety.



VTT12301651 Boiling Tube Rack **£6.38**

Wooden Test Tube Holder

Wooden holder with spring for test tubes up to 19mm in diameter. Can be used for a variety of other applications.

- Length: 190mm
- Pack of 10



VTT12302333 Test Tube Holder **£8.50**

Plastic Test Tube Rack

- Holds 6x 25mm test tubes
- Supplied in blue or white at random
- Autoclavable with 6x drying pins
- Pack of 10



VTT12301650 Test Tube Rack **£9.35**

Polypropylene Test Tube Rack

Large capacity racks that can be used dry, wet, in water baths and will not float.

- Colour coded for batch work
- Stackable when empty



VTT12302274 60x 16mm Holes (Red) **£3.22**

VTT12302279 40x 25mm Holes (White) **£3.22**

VTT12302283 24x 30mm Holes (Blue) **£308.34**

Test Tube Bristle Brush

This medium soft fibre bristle brush is perfect for scrubbing narrow glassware, including test tubes, measuring cylinders, beakers and more.

- Size: 16–25mm
- Pack of 10



VTT12301149 Bristle Brush **£4.16**

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LABWARE

Stainless Steel Spatulas

A selection of spatulas made from stainless steel and polished to a high shine that are quick to clean and immune to most solutions and inorganic chemicals.

Trulla Spatulas: Trowel-shaped scoops at both ends, allowing for efficient handling of larger quantities.

Chattaway: Double ended spatula with one end featuring a flat blade, and the opposite end is bent slightly upward. Primarily used for scooping.

Nuffield: Has a raised centre with one flat end and one scoop end, ideal for narrow mouth beakers and tubes.

Spoon End: With one end flat and the other end spoon form. Can be used for scooping, measuring and scraping (flat end).



VTT12301912	Nuffield, 140mm, Pack of 10	£3.46
VTT12301914	Trulla (Trowel), 160mm, Pack of 6	£7.20
VTT12301888	Chattaway, 150mm, Pack of 5	£22.64
VTT12301917	Chattaway, 200mm, Pack of 10	£5.14
VTT12301919	Spoon End, 200mm, Pack of 10	£4.97
VTT12301920	Spoon End, 300mm, Pack of 10	£7.02

Polypropylene Spatula

Spoon ended on one end and flat construction with knife edge on the other.

Useful for breaking up crystals etc.

- 150mm



VTT12302547	Polypropylene Spatula	£0.34
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Measuring Scoop

Polypropylene scoop with capacity marked on scoop handle for easy identification.

- Dishwasher safe
- Pack of 6



VTT12307276	250ml	£12.42
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Blackend Steel Crucible Tongs – Bowed

Bowed design allows for a wider grip around the crucible.

- Pack of 10



VTT12302312	150mm	£5.99
VTT12302313	200mm	£10.05

Blackend Steel Crucible Tongs – Straight

General purpose tongs with corrugated jaws, used for the handling of hot apparatus.

- Pack of 10



VTT12302314	150mm	£7.73
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Stainless Steel Crucible Tongs

Made from non-magnetic stainless steel with a bright finish and length of 210mm.

- Pack of 5



VTT12302307	Straight	£36.04
VTT12302309	Bowed	£19.89

Squat Porcelain Crucible with Lid

- Pack of 10



VTT12306702	30ml	£10.96
VTT12306703	50ml	£14.73

Tall-Form Porcelain Crucible with Lid

- Pack of 10



VTT12306706	30ml	£10.01
VTT12306707	50ml	£15.49

Stainless Steel Crucible

25ml stainless steel crucible with a diameter of 35mm. Lid sold separately.



VTT12307037	Pack of 10	£100.50
VTT12301297	Single 35mm Diameter Lid	£3.43

LABWARE

Assorted Cork Stoppers

Assorted sizes of cork stoppers.
Supplied in pack of 144.



VTT12302077 Cork Stoppers **£30.83**

DuraLab Steppa Stoppa

The innovative Steppa-Stoppa is a simple yet innovative product designed to replace standard rubber or cork stoppers.

Made from a blended polymer, each 'Stoppa' features an incremental taper to suit most applications and eliminating the need for multiple sized rubber stoppers.

Available in two sizes and fully autoclavable.

Includes microfibre drying cloth.

- Small: 5x35mm
- Large: 20x48mm
- Length: 52mm
- Pack of 10
- Registered design

Find your flasks
on page 94



VTT12302075 Small

£14.50

VTT12302076 Large

£29.90

Rubber Stoppers

Solid red/orange natural rubber stopper.
Stable at temperatures between
-20°C and 70°C.



VTT12302005 No.13, 13x16mm **£6.46**

VTT12302006 No.15, 15x18mm **£6.40**

VTT12302009 No.21, 21x24mm **£11.90**

VTT12302013 No.29, 29x33mm **£13.40**

VTT12302078 Mixed Bag of 50 **£9.33**

1-Hole Rubber Stoppers

Red/orange natural rubber stoppers with
single 5mm diameter hole through its length.

Easy to clean
and stable at
temperatures
between -20°C
and 70°C.



VTT12302085 31x36x35mm, Pack of 20 **£7.16**

VTT12307047 19x22x28mm, Pack of 10 **£2.40**

VTT12302079 Mixed Bag of 50 **£11.01**

2-Hole Rubber Stoppers

Red/orange natural rubber stoppers with
two 5mm diameter holes through its length.

Easy to clean and stable at temperatures
between -20°C and 70°C.



VTT12302063 No.21, 21x24x28mm **£17.45**

VTT12302067 No.29, 29x33x32mm **£7.24**

VTT12302068 No.31, 31x36x35mm **£10.33**

VTT12302080 Mixed Bag of 50 **£12.30**

Laboratory Jack

Ideal for adjusting the height (64mm to
250mm) of various lab apparatus (beakers
and flasks) with a support area 150x135mm.

- Max load: 25kg
- Size: 150x230mm



VTT12306508 Laboratory Jack **£32.05**

G Clamp

A durable, reliable
tool for educational
science labs.

Its robust cast-iron
frame and steel
threaded bar with
tommy bar handle
and swivel shoe
provide a secure
grip for a variety
of materials during
experiments.



VTT12307201 75mm **£8.09**

VTT12306004 100mm **£12.90**

Set of 6 Sieves

Set of 6 mesh sieves allowing students to
separate and grade soil and rock samples.

Set includes 6x mesh sieves, 1x container
and 1x lid.



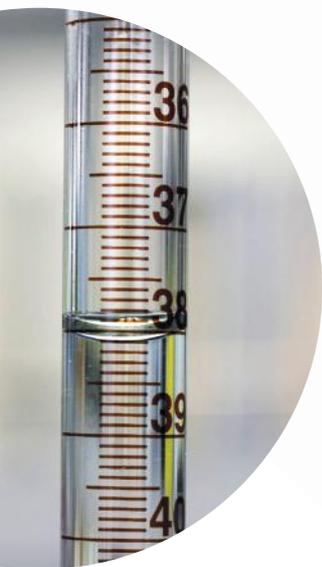
VTT12301849 Set of 6 Sieves **£44.49**

LABWARE

Straight Bore Burette

Class B burette made of high quality borosilicate glass with PTFE stopcock and key.

**BUY 12
GET 1
FREE***



VTT12300096	25ml	£8.88
VTT12300097	50ml	£9.69

Acrylic Burette with PTFE Stopcock

Made of high quality acrylic, these burettes are durable, lightweight, and resist to shattering from impacts and most non-abrasive cleaners, including ammonia and strong detergents. Includes an attached PTFE straight bore stopcock.

Not for use with hydrofluoric acid or ammonium hydroxide.

Not autoclavable.

- ±0.10ml tolerance
- Easy-to-read blue scale
- 0.10ml graduations

**BUY 12
GET 1
FREE***

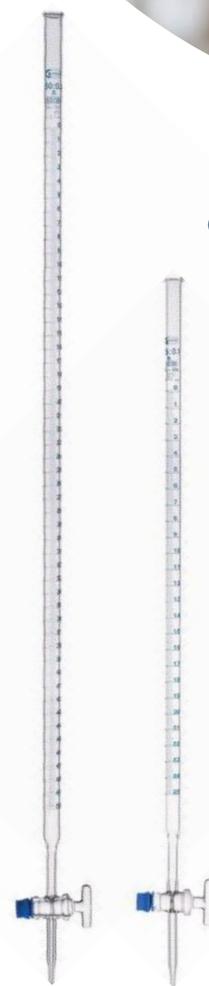


VTT12306023	25ml	£6.50
VTT12306024	50ml	£7.50

Class B Glass Burette with Glass Stopcock

Class B burette made of high quality borosilicate glass with glass stopcock and key.

**BUY 12
GET 1
FREE***



VTN12300084	25ml	£33.43
VTN12300085	50ml	£33.43

Burette Clamp

The plastic-covered jaws of this burette clamp open up to 35mm, rotate 360° and lock in position at any angle.

The length of the clamp is adjustable and fits rods up to 16mm in diameter.



VTT12301971	Burette Clamp	£44.00
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Polypropylene Burette Clamp

Plastic clamp to hold one burette suitable for use on retort stands with a diameter of 10 to 14mm.

- Pack of 10



VTT12307008	Burette Clamp	£17.17
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Burette Clamp

This one-piece clamp holds 50ml burettes firmly to a laboratory stand. It can be fitted and adjusted with one hand.

Moulded in acetal copolymer it is easy to clean, can be sterilised and is resistant to most acids and alkalis.



VTT12301961	Burette Clamp	£8.99
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LABWARE

Class B Burette with Glass Key Stopcock

Class B burette made from 3.3 borosilicate glass with straight bore glass stopcock and blue graduation lines.

- 0.10ml graduations
- 790mm in length

BUY 12
GET 1
FREE*



VTT12306671	25ml	£5.14
VTT12306672	50ml	£5.99

Automatic Burette

The Automatic Burette offers high-precision titration with a self-zeroing design.

Made from durable borosilicate glass and polyethylene, it ensures accurate, repeatable fluid delivery, supporting key concepts in the science curriculum.

- 25ml capacity
- 0.10ml graduations
- ± 0.05 ml tolerance

Buy online and earn VITTA Reward Points to exchange for treats or cashback on your next orders*



VTT12307106	25ml	£43.25
VTT12306688	50ml	£26.26

TRANSFORM YOUR SCIENCE LAB WITH RESOURCES THAT MATCH YOUR CURRICULUM AND EXAM BOARD!

At VITTA, we don't just provide lab equipment—we offer tailored resources that bring your practicals to life and ensure your students have everything they need to succeed.

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Complete Practical Kits: All the required practicals, step-by-step methods, and student workbooks for recording findings.

Enhance Learning: Engage students and make practicals more interactive equipment and technology.

Talk to our team or head online to find out more!



Hard Wood Burette Stand

Single burette rack made of seasoned hardwood, stands 495mm tall with single arm to hold a burette.

Smallest allowable diameter burette or tube is 10mm diameter.

- Black nylon thumb screws
- Base: 195x108mm



VTT12301947	Burette Stand	£10.96
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Wooden Burette Rack

This natural wood burette rack is perfect for storing and protecting burettes in the lab.

Holds 12x burettes of 50ml capacity, up to 20mm in diameter.

- Can be wall mounted



VTN12301390	Burette Rack	£31.79
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Burette Bristle Brush

Burette brush consisting of bristles on stainless steel wire handle. For cleaning burettes of up to 50ml capacity.

- Pack of 10



CH0217B	Burette Bristle Brush	£9.99
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LABWARE

Low Form Beaker with Spout

High quality borosilicate glass beakers with a thick wall and clearly marked graduations.

Available in a range from 10ml to 3000ml.

Stock up and save...
Ask about bulk discounts

LOWER PRICES



VTT12306516	50ml, Pack of 12	£6.00
VTT12306517	100ml, Pack of 12	£7.95
VTT12306519	250ml, Pack of 12	£12.50
VTT12306521	500ml, Pack of 6	£12.00
VTT12306523	1000ml, Pack of 6	£20.10
VTT12306525	3000ml (Single)	£16.92

Polypropylene Beakers

Selection of beakers made of premium quality, translucent polypropylene plastic with raised graduations and tapered spout.



VTT12302516	50ml, Pack of 10	£3.04
VTT12302517	100ml, Pack of 10	£3.46
VTT12302519	500ml, Pack of 5	£16.93
VTT12302520	1000ml, Pack of 5	£7.10
VTT12302521	2000ml, Pack of 5	£15.43

Class B Graduated Glass Measuring Cylinder

Made from borosilicate glass with clear blue graduation markings.

- 500ml
- Pack of 2



VTT12307050	500ml	£10.65
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Class B Graduated Cylinder with Protective Collar

Class B measuring cylinder with collar to help protect the top and pouring spout from damage if the cylinder gets knocked over.

- Made from borosilicate glass
- Easy to read blue graduations



VTT12307053	10ml	£2.17
VTT12307054	25ml	£3.35
VTT12307055	100ml	£4.15
VTT12307056	250ml	£6.73
VTT12307057	500ml	£8.23
VTT12307058	1000ml	£6.65

Graduated Polypropylene Measuring Cylinders

A range of polypropylene measuring cylinders with excellent clarity and good chemical resistance. Raised graduations on the outer surface, hexagonal base for stability and an easy-pour tapered spout.

Autoclavable up to 130°C for easy cleaning and sterilisation.



VTT12306629	10ml, Pack of 10	£5.48
VTT12306630	25ml, Pack of 10	£5.98
VTT12306631	50ml, Pack of 10	£8.50
VTT12306632	100ml, Pack of 10	£9.50
VTT12306633	250ml, Pack of 10	£17.73
VTT12306634	500ml, Pack of 5	£15.68
VTT12306635	1000ml, Pack of 5	£22.14
VTT12302536	2000ml, Pack of 2	£20.32
VTT12302537	Set of 5	£9.73

LABWARE

Set of 3 Polypropylene Measuring Jugs

A set of 3 polypropylene measuring jugs with excellent clarity thanks to the raised graduations on the outer surface and good chemical resistance. Autoclavable up to 130°C with an easy-pour tapered spout.

- 250ml, 500ml and 1000ml



VTT12306025 Polypropylene Measuring Jugs **£4.22**

Polypropylene Measuring Jugs

Premium plastic measuring jugs designed for the rigours of education and commercial use.



VTT12304221	500ml, Pack of 12	£8.01
VTT12306654	1000ml, Pack of 6	£10.99
VTT12306657	5000ml (Single)	£10.24

Lab Lists

Kitting out a new lab or just topping up? Our curriculum-matched lab lists help take away all doubt when ordering new equipment and consumables and are aligned to the latest practical requirements.

Head online to vittaeducation.com/lablists to get started or talk to our team.



Budget Beaker Tongs

Made from nickel plated steel with rubber coated ends and holds beakers from 50ml to 2000ml

Ideal for use in a chemistry or biology lab and can be used for other glassware as well.

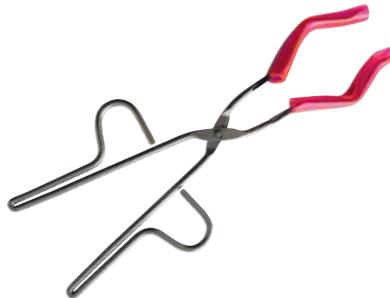


VTT12302329 Beaker Tongs **£2.17**

Stainless Steel Flask Tongs

For holding flasks from 100ml up to a capacity of 2000ml. The jaws are covered with replaceable PVC sleeves.

- Made of plated steel



VTT12302311 Flask Tongs **£4.19**

Plastic Joint Clips

Interchangeable glassware joint clips designed to securely hold interchangeable glassware in place and prevent a joint from separating during a reaction process.

- Supplied in packs of 10



717-001A	10/19, Red	£5.26
717-001B	14/23, Yellow	£2.95

Glass Stirring Rod

Plain borosilicate stirring rod.

- Diameter: 6mm
- Pack of 10



VTT12306869	200mm Long	£4.02
VTT12301690	250mm Long	£6.10

Polypropylene Stirring Rod

Polypropylene stirring rod designed to eliminate the possibility of scratching or damaging glass vessels. Rounded ends and a high resistance to the majority of laboratory chemicals.

- Diameter: 10mm
- Length: 250mm
- Pack of 12



VTT12306026 Stirring Rod **£3.82**

Flask Bristle Brush

This medium soft fibre bristle brush is perfect for cleaning hard to reach, narrow spaces in a variety of laboratory glassware.

The stainless steel, twisted handle is semi-flexible, allowing you to modify the shape as needed. Looped end for easy hanging.

- Length: 330mm
- Pack of 10



VTT12301144 Bristle Brush **£14.75**

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LABWARE

Get to know your flasks from your funnels with VITTA

Glassware in the laboratory comes in a range of different shapes and sizes, and forms the foundation of many laboratory procedures, supporting tasks such as mixing, measuring, separating, and heating substances.

Download our glassware guide online at vittaeducation.com/downloads



Flasks

Erlenmeyer/Conical Flasks: Tapered narrow neck allows for easy swirling of liquids without spilling. Useful for boiling and filtering.

Volumetric Flasks: Used for preparing solutions of specific concentrations, with a narrow neck marked for precise volume measurement.

Retort Flasks: Used in distillation.

Round-Bottom: The round bottom design provides even heat distribution making the flask ideal for use in reactions and rotary evaporators.

Kjeldahl Flasks: Used for determining nitrogen content in substances.

Pear-Shaped Flasks: Smaller flasks ideal for distillations, designed to recover more material than round-bottomed flasks.

Funnels & Filtration:

Filter Funnel: Used for filtration with filter paper.

Thistle Funnel: Used for adding liquids into apparatus, not for filtration.

Buchner Funnel: Used for vacuum filtration.

Separating Funnels: Used for separating liquids of different densities.

Glass Erlenmeyer Flask with Narrow Neck

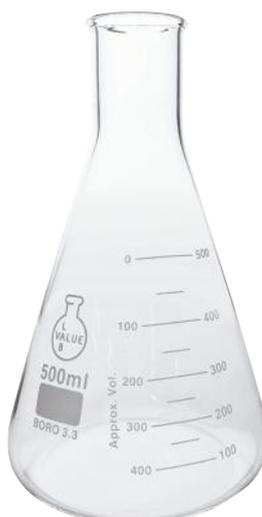
Narrow neck conical (Erlenmeyer) flask manufactured from 3.3 borosilicate glass.



VTT12300066	100ml, Pack of 12	£14.00
VTT12300068	250ml, Pack of 10	£12.90
VTT12300070	500ml, Pack of 6	£11.90
VTT12300071	1000ml, Pack of 6	£21.30

Glass Conical Flask with Narrow Neck

LabValue conical flask with narrow neck.



VTT12306559	100ml, Pack of 12	£9.69
VTT12306561	250ml, Pack of 10	£14.53
VTT12306562	500ml, Pack of 6	£11.62
VTT12306563	1000ml, Pack of 6	£20.34

Glass Conical Filtering Flask with Plastic Screw Threaded Side Arm

Crafted from high-quality 3.3 borosilicate glass, ensuring exceptional durability, chemical resistance, and thermal shock.



VTT12300084	250ml, Pack of 12	£51.96
VTT12306573	500ml, Pack of 6	£27.07

LABWARE

Class B Volumetric Flask with Plastic Stopper

Class B borosilicate glass volumetric flask fitted with a chemical resistant polyethylene stopper.

- Blue markings
- Socket size: 14/23
- Tolerance: $\pm 0.20\text{ml}$



VTT12306080	100ml, Pack of 2	£5.78
VTT12306082	500ml, Pack of 2	£9.99
VTT12306083	1000ml, Pack of 2	£16.20
VTT12306084	1000ml (Single)	£13.97

Class A Volumetric Flask with Plastic Stopper

Class A borosilicate glass volumetric flask fitted with a chemical resistant polyethylene stopper. Supplied with batch certificate.

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VTT12306096	10ml	£3.69
VTT12306097	25ml	£4.30
VTT12306098	50ml	£5.36
VTT12306099	100ml	£6.03
VTT12306101	250ml	£8.20
VTT12306102	500ml	£10.33

Round Bottom Kjeldahl Flask

Designed for nitrogen determination as per Kjeldahl method and made of high quality borosilicate glass.

- 50ml capacity
- Socket size: 19/26



VTN12301043	50ml	£19.46
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Jointed Glass Round Bottom Flask

- Capacity: 50ml
- Socket size: 14/23
- Pack of 12



VTT12307049	50ml	£41.04
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Round Bottom Flask with Narrow Neck

- Borosilicate Glass



VTT12306990	50ml, Pack of 12	£21.26
VTT12306991	250ml, Pack of 12	£26.74
VTT12306992	500ml, Pack of 6	£21.43

Quickfit Round Bottom Flask

Precision-engineered, ground glass joints with a standard taper and smooth surface ensure complete interchangeability of elements with the same joint size and the highest standards of leak-tightness.

Made from Class A borosilicate glass.



Short Neck

VTN12300888	24/29 - 100ml	£27.29
VTN12300924	34/35 - 250ml	£33.20

Uniform Height

VTN12300945	24/29 - 500ml	£30.37
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LABWARE

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Jointed Glass Pear Shaped Distillation Flask

- Capacity: 100ml
- Socket size: 14/23
- Pack of 12



VTT12307048 100ml £42.17

Single Neck Pear Shaped Flask

- Borosilicate glass
- Capacity: 100ml
- Socket size: 14/23



VTN12300876 100ml £32.02

Cylindrical Separating Funnel with PTFE Stopcock

Made from borosilicate 3.3 glass with PTFE Stopcock.



VTT12301401	50ml	£8.82
VTT12301402	100ml	£9.67
VTT12301403	250ml	£11.92
VTT12301404	500ml	£14.65
VTT12301405	1000ml	£16.66

Conical Separating Funnel, with PTFE Stopcock

Made from borosilicate 3.3 glass with PTFE Stopcock.

- Capacity: 100ml



VTT12301412 100ml £16.26

Glass Joined Buchner Funnel

Used in the laboratory for vacuum-assisted liquid filtering.

- Capacity: 200ml
- Socket size: 24/29
- Diameter: 65mm



340-006 200ml £19.64

Here to help... 0333 996 1611 @ hello@vittaeducation.com vittaeducation.com

LABWARE

Eisco Glass Filter Funnel

Plain borosilicate glass filter funnels at 60° angle.

- Pack of 10



VTT12306711	45mm	£9.44
VTT12306712	55mm	£10.58
VTT12306713	75mm	£14.17
VTT12306714	90mm	£20.40
VTT12306715	100mm	£21.91

Polythene Funnels

Industrial quality filter funnel. Excellent for separating solids from liquids.

- Pack of 10



VTT12302544	75mm	£1.89
VTT12302545	90mm	£3.21

Thistle Funnel

Thick walled thistle funnel made from borosilicate glass.

Used to add liquids to an existing system or apparatus, especially into containers with narrow necks.



CH0488B	25mm Diameter	£1.90
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Porcelain Buchner Funnel

Robust and lightweight funnel that's resistant to chemicals, corrosion and heat. It's two-piece construction allows the top and bottom to be separated for easy and total cleaning.

- Autoclavable
- Filter diameter: 70mm



VTT12301422	Buchner Funnel	£4.32
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Filter Paper Circles

Good quality student grade paper for general purpose use with medium retention and flow-rate.

- 100 circles per pack



VTT12300606	90mm Diameter	£1.15
VTT12300607	110mm Diameter	£1.62
VTT12300608	125mm Diameter	£2.06
VTT12300609	150mm Diameter	£2.61
VTT12300610	180mm Diameter	£3.00
FLP240	240mm Diameter	£3.86

Get a Grip!

Make distillation and filtering easy with the wide range of stands, clamps and beakers throughout these labware pages, with more online at vittaeducation.com/labware



Did you know... you can log on to **VITTA** for our series of **Required Practicals for GCSE and A-level**.

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vittaeducation.com/practicals



Shop our complete range of Labware products online at vittaeducation.com/labware

LABWARE

SciPette Variable Volume Micropipette

Single channel pipettors that are easy to use, calibrate and maintain. Autoclavable up to 121°C for total sterilisation.

The lightweight and ergonomic design features an integral tip ejector for access into narrow tubes and a clear volume display.

- 3 year manufacture warranty



VTT12300116	0.5-10uL	£102.00
VTT12300122	200-1000uL	£102.00
VTT12300123	1000-5000uL	£102.00

Sterile Pasteur Pipettes

These peel-packed, sterilised pasteur pipettes are made of transparent, inert and low density polyethylene. Designed for fast liquid transfer each pipette has a built-in bulb and metric graduations that allow liquids to be handled easily and efficiently.

- Length: 150mm
- Pack of 500



VTT12301611	3ml	£29.97
VTT12301613	1ml	£36.50

Non-Sterile Pasteur Pipettes

Non-sterile pasteur pipettes are made of transparent, inert and low density polyethylene. Suitable for schools and laboratories, for sampling or measuring transfers of aqueous solutions.

- Length: 150mm
- Pack of 500



VTT12301612	1ml	£14.55
VTS12300009	3ml	£11.41

Basic Plastic Pipette Pump

Fast-release pipetting device for precise pipetting or zip-quick emptying. The thumb wheel can be rotated to precisely draw up or dispense liquids, or alternatively the releaser may be pushed in for virtually instant emptying. It resists acids and alkalis and can be easily disassembled for thorough cleaning.



VTT12300177	10ml	£5.05
VTT12300178	25ml	£4.86

Graduated Glass Pipette

Glass graduated serological pipette used for accurately measuring and transferring small volumes of liquids.

- Class AS glass



Look after your budget... Ask about our Class Pack pricing and bulk discounts

VTT12300107	1ml	£3.08
VTT12300108	2ml	£3.38
VTT12300109	5ml	£4.93
VTT12300110	10ml	£5.27
VTT12300111	20ml	£6.59
VTT12300112	25ml	£8.26

New Chemicals Range

Stock up for all your essential science experiments with our new range of chemicals. Available in post-friendly measures with additional savings on bulk-buy quantities, take a look now from page 35 onwards and online.



Universal Pipette Tips

These non-sterile, yellow Eppendorf pipette tips are metal-free and have clear graduations, allowing users to see if the volume has been pipetted. Their delicate tip cones enable the tips to be easily sealed.

- 5-200uL
- Yellow
- Pack of 1000



VTS12300019	200-1000uL	£9.08
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LABWARE

Single Vent Petri Dishes

These 90mm shallow dishes maximise incubator space and feature a mirror finish that ensures high optical quality.

Manufactured from non-cytotoxic virgin polystyrene and ideal for use in automatic plate pourers. For in vitro use only.

- Diameter: 90mm
- Height: 16mm



VTT12300901 Pack of 500 **£55.42**

VTT12300902 Pack of 20 **£2.77**

Sterile Triple Vent Petri Dish

Made of optically-clear virgin polystyrene, these 55mm triple vent petri dishes are ideal for microorganism cultures.

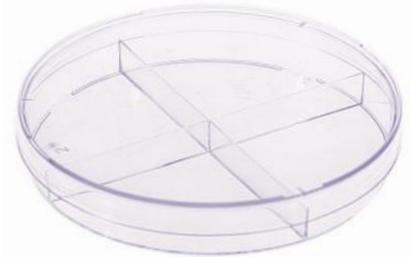
- Diameter: 55mm
- Pack of 10



VTT12300894 Triple Vent **£1.00**

Four-Compartment Sterile Petri Dish

- Diameter: 90mm
- Pack of 25



VTT12307036 Four-Compartment **£15.81**

Sterile L-Shaped Spreaders

L-shaped cell spreader, ideal for evenly spreading bacterial cultures. Designed to allow the entire surface of the petri dish or plate to be reached with ease. Made from high impact ABS eliminating the need for flaming or autoclaving.

- Dimensions: 156x38mm
- Pack of 500 (in sleeves of 20)



VTT12301589 L-Shaped Spreaders **£2990**

Clear Acrylic Petri Dish Rack

This petri dish rack is made of clear acrylic with white polycarbonate posts, with a capacity to hold around 60x 90mm petri dishes.

The clear nature of the plastic allows visibility from all sides and enables the culture to be seen and checked during incubation.

Includes finger-holes in separator wall for easy gripping during transport.

Not autoclavable.

- 282x205x215mm (approx)



VTN12301388 Acrylic Petri Dish Rack **£22.66**

Porcelain Evaporating Basin with Spout

Round form evaporating basin with spout.

- Pack of 10



VTT12306616 35ml, 60mm Diameter **£9.26**

VTT12306618 80ml, 80mm Diameter **£9.26**

VTT12306619 120ml, 94mm Diameter **£11.90**

VTT12306620 150ml, 100mm Diameter **£13.98**

VTT12307046 250ml, 115mm Diameter **£27.04**

Porcelain Round Bottom Evaporating Basin with Spout

Basin with round bottom and spouted lip.

- Pack of 10



VTT12301086 50ml **£5.46**

VTT12301088 75ml **£13.87**

VTT12301089 100ml **£15.57**

VTT12301090 125ml **£19.46**

VTT12301091 150ml **£21.08**

Watch Glass

Slightly concave glass used for various purposes, including evaporating liquids and holding solids while weighing.

- Pack of 10



VTT12306013 100mm **£4.52**

VTT12302498 150mm **£17.80**

LABWARE

Alkaline Batteries

alkaline batteries ideal for powering all your everyday devices. These batteries are recommended for everyday use.

Always check compatibility.



VTT12301095	Alkaline, AAA (4 Pack)	£3.78
VTT12301096	Alkaline, AA (4 Pack)	£3.78
VTT12301097	Alkaline, C (2 Pack)	£3.97
VTT12301098	Alkaline, 9V	£3.97

Zinc Carbon Batteries

A selection of Zinc Carbon batteries, designed for devices with a low power drain. These batteries do not contain any mercury, lead or cadmium.



VTT12301099	Zinc Carbon, AA (4 Pack)	£1.51
VTT12301101	Zinc Carbon, D (2 Pack)	£1.51
VTT12301102	Zinc Carbon, AAA (4 Pack)	£1.70
VTT12307195	Zinc Carbon, 9V	£0.99

Rechargeable Batteries

Good for the planet with a cycle life of up to 500 times.



VTT12307068	1300mAh, AA (4 Pack)	£9.99
VTT12307199	200mAh, 9V	£6.99

Long-Life Alkaline Batteries

High-density Zinc S powder provides fast, robust power generation and lasts 50% longer than previous generations.



VTT12307196	Alkaline, AA (40 Pack)	£8.90
VTT12307197	Alkaline, AAA (40 Pack)	£8.90
VTT12307198	Alkaline, 9V (4 Pack)	£7.30

Zinc Carbon PJ996 Battery

Heavy duty 6V PJ996 battery.



VTT12301112	Zinc, 6V	£4.89
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Rechargeable Batteries

• Pack of 2



VTT12301107	5700mAh, D	£7.56
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Universal Battery Charger – USB-C

Universal charger with 7x independent channels to charge AAA, AA, C, D and 9V battery types.

Minus Delta V Technology individually monitors and charges each battery to its maximum capacity and then switches to a trickle charge ready for use.

- Fast type C USB charging
- Short circuit protection
- Alarm indication function
- Includes USB-C cable



VTT12307284	Universal Battery Charger	£12.50
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Button Cell Batteries

A selection of button batteries ideal for powering small electronics found in school laboratories and science departments.



VTT12301114	Alkaline, LR44, 1.5V (10 Pack)	£3.60
VTT12301116	Lithium, CR2016 3V (5 Pack)	£1.90
VTT12301118	Lithium, CR2032 (6 Pack)	£3.24

LABWARE

Hanna HI-8424 Handheld pH Meter with pH Electrode and Temperature Probe

This splash-proof, portable meter delivers fast, accurate pH, ORP and temperature measurements with a 0.01 pH resolution across the pH scale

Easy-to-use with automatic calibration with three memorised buffer values – pH 4.01, 7.01, 10.01.

Supplied with various buffer solutions, cleaning solutions, protective case and instructions.

- Clear LCD display with low battery indicator
- Keyboard sealed against water and dirt
- HOLD function
- Calibration tags on LCD
- Auto shut-off



VTT12300460 Handheld pH Meter

£463.53

Hanna HI-2002 Edge pH Meter

Get fast, reliable, high precision results from a user-friendly pH meter that brings innovation to electro-chemistry.

Cutting-edge design, capacitive touch keypad and an intuitive user interface are just a few of the great attributes that make edge® stand out as the world's first Hybrid meter on the market.

- pH, mV pH and ORP reading modes
- Capacitive touch keys
- Large LCD display
- Digital smart electrodes
- Basic and advanced modes
- Log-on demand and interval logging
- PC interface via micro USB



VTT12300471 Hanna pH Meter

£478.80

Hanna Pocket pH Tester

A real favourite for technicians, teachers and laboratories with its clear LCD display, long thin pH electrode and ease of operation.



VTT12300448 Pocket pH Tester

£61.28

Litmus Paper

Blue test papers for acid testing or red test papers for alkali testing.

Pack contains 10 books, with each containing 20 strips of test paper.

- Individual size: 9x50mm



VTT12301516 Blue Test Papers

£3.74

VTT12301517 Red Test Papers

£3.74

Johnson Universal Indicator Paper – pH 1-14

For use in a variety of industries including laboratory, industrial, food and education.

Pack contains 10 books, with each containing 20 strips of test paper.



VTT12301499 Universal Indicator Paper

£4.70

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LABWARE

Clear Glass Dropping Bottles with Eye Dropper Pipette

An alternative to pipetting devices, allow for the repeated, consistent, accurate dispensing of reagents one drop at a time or in a stream. Suitable for dispensing most acids, bases and alcohols.

- Pack of 6



VTT12303909	30ml	£13.00
VTT12306731	60ml	£14.17
EDU679A	250ml	£17.89

Amber Glass Dropping Bottle with Eye Dropper Pipette

Borosilicate glass dropping bottle equipped with an eye dropper pipette for clean dispensing of the stored contents. The amber colour glass absorbs harmful UV waves, making it useful for light sensitive contents.

- Capacity: 60ml



VTT12307220	60ml	£25.20
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Plastic Dropping Bottles

Constructed from low-density polyethylene plastic (LDPE).

- Pack of 10



VTT12300350	30ml	£10.40
VTT12300351	60ml	£10.90

Plastic Dispensing Bottle with Dropper and Captive Cap

Low-density polyethylene (LDPE) dispensing bottle with screw cap and spout that allows for small, uniform drops of liquid to be dispensed.



VTN12300154	30ml	£2.16
VTN12300155	60ml	£2.23

Unlabelled Wide Mouth Chemical Wash Bottle

Unlabelled chemical wash bottle with wide mouth for easy filling. A self-venting design helps to eliminate leaks and dripping.



VTT12300270	250ml	£2.23
BOT850020	500ml	£2.10
BOT850140	1000ml	£3.40

Plastic Wash Bottle with Content Label

Wide mouth wash bottle labelled for various content.

- Capacity: 500ml



VTT12300265	Dist. Water	£1.56
BOT850100	Ethanol	£2.80

Clear Glass Powder Bottles with Wide Neck and Black Screw Cap

Made from clear glass with black plastic screw cap.

- Pack of 10



VTT12300189	30ml	£5.18
VTT12300191	60ml	£5.70
VTT12300199	250ml	£8.83

Wide Mouth Polypropylene Bottles with Screw Cap

- Pack of 12



VTT12307041	125ml	£14.62
VTT12307042	250ml	£23.54

LABWARE

Amber Glass Reagent Bottle with Plastic Stopper

Amber glass effectively filters out UV rays that can cause chemical reactions and deterioration of substances.

- Capacity: 250ml
- Pack of 6



VTT12306986 250ml £52.90

Clear Glass Reagent Bottle with Plastic Stopper

- Pack of 6



VTT12306982	60ml	£14.65
VTT12306983	125ml	£11.57
VTT12306984	250ml	£27.53
VTT12306985	1000ml	£66.91

Clear Glass Reagent Bottle with GL45 Screw Cap

Made from borosilicate glass with graduated measurements and GL45 screw cap.

Sold in various pack sizes.



VTT12306578	100ml (x10)	£29.66
VTT12306579	250ml (x10)	£37.21
VTT12306580	500ml (x10)	£50.81
VTT12306581	1000ml (x6)	£36.98
VTT12306582	2000ml (x1)	£12.54

Amber Glass Winchester Bottle with Screw Cap

Made from type III soda lime glass with black plastic screw caps with fitted wood pulp faced PVDC liner.



VTT12300226	100ml (x20)	£21.54
VTT12300229	500ml (x10)	£14.66

Wide Neck Polypropylene Reagent Bottle with Screw Cap

- Pack of 10



VTT12307003	60ml	£6.00
VTT12307004	125ml	£6.59
VTT12307005	250ml	£9.97

HDPE Reagent Bottle Wide Neck with Screw Cap

Made from high density polyethylene (HDPE).



VTT12307006	250ml (x12)	£11.05
VTT12307007	1000ml (x6)	£15.21

Hexagonal Aspirator with Replaceable Tap

Plastic Aspirator with polypropylene tap.



VTT12301001	5 Litre	£15.07
VTT12301002	10 Litre	£19.59
VTT12301003	Spare Tap	£2.46

Sweetie Jar

Plastic lidded container suitable for storing a variety of items including sharps.



VTT12307261	4.5 Litre	£10.46
VTT12307262	25 Litre	£9.63

LABWARE

Drechsel Bottle for Gas Washing

Can be used to remove impurities from gasses with ground glass joints for easy sealing and exchange.



VTN12301101 Drechsel Bottle **£50.62**

Plastic Syringes

Disposable plastic syringe with 1ml increments.

- Non sterile
- Pack of 10



VTT12302170	5ml	£1.47
VTT12302171	10ml	£1.42
VTT12302172	20ml	£1.65

EduLab Ground Glass Gas Syringe

Ground glass gas syringe with 5ml graduated increments.

Capacity: 100ml



251-402 Glass Gas Syringe **£9.06**

Plastic Sterile Syringes

Excellent quality syringes with controlled injection for a reliable performance.

Made from premium materials.



VTT12302090	1ml, Pack of 100	£18.87
VTT12302091	5ml, Pack of 100	£15.09
VTT12302093	50ml (Pack of 25)	£26.20

Sterile Plastic Syringes

Sterile disposable syringes made from polypropylene and individually tested for sterility, pyrogenicity and toxicity.

Syringes are individually wrapped in peel-apart blister packs.

- Sterile single use
- Supplied without needles
- Capacity 10ml
- Pack of 100



VTT12302097 Plastic Syringe **£16.68**

Glass Gas Chromatography Syringe

Gas syringe with vertical 1ml graduations, made from neutral borosilicate glass



VTN12302094 Chromatography Syringe **£22.39**

Chromatography Filter Paper No.1

Specialised filter paper for the separation of substances in a mixture through capillary action

- 200x200mm
- Pack of 100



708-017 Chromatography Paper **£33.41**

Chromatography Tank

Designed as a low cost developing chamber for most thin layer chromatographic techniques.

The narrow dimension allows for quick saturation for more even solvent front advance.

- 100x150mm



VTN12302092 100x150mm **£5.97**

LABWARE

Gas Jar Covers

- 75mm in diameter
- Pack of 10



CH0496C Glass Jar Covers **£2.96**

Glass Gas Jar

- 150x50mm



GJR010010 Glass Gas Jar **£5.97**

Deflagrating Spoon and Cap

Designed for use with a gas jar, to demonstrate deflagration, but can also be used in the same way as a combustion spoon.

- Pack of 10



VTT12306981 Deflagrating Spoon and Cap **£16.99**

Glass Pneumatic Trough

Used to collect, mix, and measure gases.

- Made of soda glass
- 125x250mm



CH0504D Pneumatic Trough **£14.63**

Polypropylene Pneumatic Trough

Used to collect, mix, and measure gases. Equally useful for storage, sterilising and drying labware.



VTT12307211 60x180mm **£1.76**

VTT12307212 100x200mm **£3.01**

VTT12307213 100x250mm **£3.98**

Glass Mounted Manometer

Glass u-tube manometer with built-in stopcock and mounted on a back plate with printed 80-0-80 scale showing 2mm subdivisions.

- Size: 455x90mm



VTN12302216 Manometer **£17.76**

Beehive Shelves

Made of porcelain, glazed both inside and out. For use in pneumatic troughs for gas collection.

- 75mm in diameter



BHSHL07 Beehive Shelves **£1.17**

Bell Jar with B29 Stopper

- 200x150mm
- Pack of 2



VTN12302585 Bell Jar **£42.80**

LABWARE



UNLOCK NEW SKILLS AND EQUIPMENT

At VITTA we supply more than just equipment, we love supporting our customers, technician and teachers to make sure they have the latest equipment and new skills.

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Maximize Equipment: Discover how to get more from your current lab equipment or apparatus.

Choose the Right Tools: Guidance on selecting the best equipment for your lab.

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Brannan LO-tox Filled Thermometers

LO-tox™ is an organic filling specially chosen to achieve a wide temperature span and provide the lowest practical levels of hazard. The quality and legibility make these an ideal substitute for mercury thermometers up to 330°C.

- Blue non-roll top and safety suspension ring
- Clear permanent markings



	Range	Gauge	Length	Immersion	
VTT12300918	-10/50°C	0.5°C	305mm	76mm	£3.37
VTT12300920	-20/110°C	1.0°C	305mm	76mm	£2.85
VTT12300922	-10/260°C	1.0°C	405mm	76mm	£3.52
VTT12300923	-10/300°C	1.0°C	305mm	76mm	£5.66
VTT12300924	-10/330°C	2.0°C	305mm	76mm	£5.29
VTT12300925	-10/110°C	1.0°C	155mm	Total	£2.36
VTT12300926	-10/50°C	0.5°C	305mm	Total	£3.37
VTT12300927	-20/110°C	1.0°C	305mm	Total	£2.98

Red Spirit Thermometers

Glass laboratory thermometers with spirit fillings for general purpose use.

- Total immersion
- Blue non-roll top and safety suspension ring



	Range	Gauge	Length	Immersion	
VTT12300944	-10/110°C	1.0°C	155mm	Total	£2.45
VTT12300945	-20/110°C	1.0°C	305mm	Total	£2.70

Red Spirit Thermometers

Glass laboratory thermometers with spirit fillings for general purpose use.

- Blue non-roll top and safety suspension ring
- Pack of 5



	Range	Gauge	Length	Immersion	
VTT12300933	-10/50°C	0.5°C	305mm	76mm	£17.34
VTT12300934	-10/110°C	1.0°C	305mm	76mm	£14.86

Thermometers

Glass laboratory thermometers with spirit fillings for general purpose use.

- Total Immersion
- Pack of 5

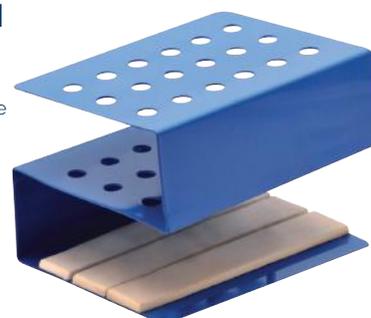


	Range	Gauge	Length	Spirit	
VTT12300938	-10/110°C	1.0°C	150mm	Green	£9.19
VTT12300943	-10/110°C	1.0°C	300mm	Blue	£8.80

Thermometer Stand

Constructed from folded sheet metal and supports 18 thermometers with a protective foam cushion on the base.

- Size: 165x120x125mm



VTT12307216	Thermometer Stand	£7.47
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LABWARE

Weather Station

Twin dial thermometer and humidity meter with dark blue temperature and humidity scale and red pointers.



VTN12302120 Weather Station **£17.73**

Window Thermometer

Dial thermometer with easy to read temperature zones that fixes to the outside of a window to read outdoor temperature.

- Range: -20/50°C
- Gauge: 1°C
- 85x65x12mm



VTT12300973 Window Thermometer **£5.31**

PASCO Wireless Temperature Sensor with Digital Display

A modern thermometer with OLED display on the sensor for users who want the ability to see instant data readings without the need for additional software.



PS-4201 Wireless Temperature Display **£136.26**

Infrared Pocket Thermometer

A quick and easy infrared thermometer providing safe temperature measurement where non-contact access is required.

Supplied with wrist strap, clip-out stamp and storage pouch.



VTT12300981 Pocket Thermometer **£39.01**

Brannan Digital Thermometer

Large digital max-min thermometer with easy-to-read display.



VTN12302119 Digital Thermometer **£13.02**

Electronic Clinical Thermometer

Digital clinical thermometer with memory and LCD display. Requires 1x SR41 battery (included).

- Range: 32°C to 42°C



VTT12300978 Clinical Thermometer **£2.48**

Dual Sensor Thermometer

This thermometer has 2 sensors each having its own readout, one sensor is built inside the unit, while the second sensor is water resistant with a 1 metre connection lead.

Separate high contrast LCD display for each sensor with IN and OUT indicators.

Measures °C or °F while the min/max memory operates for each sensor and is constantly updated with reset.



VTT12300979 Dual Sensor Thermometer **£16.70**

PASCO Wireless Temperature Sensor

Transmits live data and allows students to continuously monitor, log, and plot temperature measurements on nearly any device.



**BEST
SELLER**

PS-3201 PASCO Wireless Temperature Sensor **£117.55**

PS-3330 8-Pack **£824.19**

LABWARE

Allen Key/Hex Key Set

An essential for your tool kit, this set of 10 hardened chrome vanadium metric hex keys is sure to be a useful addition.

- Sizes: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8 and 10mm
- Includes storage clip



505-062 Allen Key Set **£9.02**

Screwdriver Set

Set of 6 general purpose screwdrivers made with hardened and tempered chrome shanks and chemically blackened magnetic tips.

- Soft-grip ergonomic handles
- Colour-coded for easy tip recognition



VTN12301428 Screwdriver Set **£22.90**

General Purpose Pliers

This three-piece pliers set contains a 160mm side cutter, 180mm combination pliers and 200mm long nose pliers.



VTN12301453 General Purpose Pliers **£10.28**

2 Metre Extension Lead

13A extension lead with neon power indicators and individual switches for each plug socket.

- Length: 2m



VTT12307237 2m Extension Lead **£9.68**

10 Metre Extension Lead

Four drum-mounted sockets featuring thermal overload protection and power reset button suitable for a maximum load of 10A.

- Rewind handle
- Length 10m



VTT12307238 10m Extension Lead **£22.50**

Dustpan and Brush Set

Handy, impact-resistant plastic dustpan with nylon filled brush.



VTT12307274 Dustpan and Brush **£5.54**

Soldering Station

Versatile soldering station suitable for a wide range of soldering tasks with a long-life ceramic element for rapid heating.

Electronically controlled 150–480°C temperature range with digital display. 1.2mm tip with easy no-tool tip change. Ideal for delicate electronic work.

Compatible with tips 5.85mm internal diameter and 7.90mm external diameter.

Includes base, soldering iron, cable, built-in stand, sponge, sponge holder and manual.

Solder wire available separately.



VTT12307255 Soldering Station **£90.59**

Solder Roll

Ideal for electronics and physics lessons, helping students develop practical skills in circuit assembly.



VTT12307256 Solder Roll, 100g **£5.69**

LABWARE

3-in-1 Scissors

Stainless steel cutting blades and contoured handle. Includes scissors, fish scaler and nutcracker.



VTT12307225 3-in-1 Scissors **£1.35**

General Purpose Scissors

Stainless steel, multi-purpose blunt-end scissors.



VTT12307038 125mm **£4.20**
 VTT12301568 150mm **£3.25**
 VTT12301569 175mm **£3.99**

Fine Point Scissors

Fine point general purpose stainless steel scissors with open shank.



VTT12301564 115mm **£1.80**
 VTT12301566 150mm **£2.26**

Retractable Trimming Knife

Soft grip body with safety locking mechanism and belt clip. Blade folds back into knife body for safety. Supplied with five spare blades.



TOQ295010N Retractable Knife **£4.99**

Retractable Safety Knife

Strong aluminium body and heavy duty 0.5mm blade. Integral blade storage and hanging hole.

- 150mm



VTT12307226 Retractable Knife **£2.57**
 VTT12307227 Knife Blades, Pack of 10 **£1.22**

Snap-Off Knife

Pre-loaded with 11-segment snap-off blade and designed with a durable plastic handle incorporating a pocket clip.

- Pack of 48



VTT12307229 Snap-Off Knife **£37.03**

Insulation Tape

Used to protect, insulate, and shield electrical wires and cables.

- 19mm x 33m



VTT12307239 Black **£1.01**

Masking Tape

Ideal for everyday masking and holding applications.

- 50m length



VTT12307232 25mm **£1.44**
 VTT12307233 50mm **£2.72**

Duct Tape

Heavy duty weather-proof tape with instant grab. Tears by hand.

- 75mm x 50m



VTT12307234 75mm **£6.57**

Double-Sided Tape

Strong tape with a simple peel and stick application.

- 50mm x 33m



VTT12307235 50mm **£5.45**

Anti-Slip Tape

Reduce risk on slippery, uneven or split-level floor surfaces.

- 50mm x 18m



VTT12307236 50mm **£15.86**

Hazard Floor Tape

Used for floor/hazard marking, safety coding and more.

- 50mm x 33m



VTT12307230 Yellow/Black **£2.86**
 VTT12307231 Red/White **£2.86**

Duralab
 Looking for
 a versatile
 storage
 solution?

Shop the range of DuraLab
 Laboratory Trolleys on page 114



STORAGE & SAFETY

Safety Spectacles

Lightweight economy safety glasses designed to fit over prescription glasses.

BEST SELLER



Stock up and save...
BUY 10, GET 1 FREE*

VTT12302596 Safety Spectacles **£1.44**

Portwest Safety Spectacles

Ultra lightweight clear safety spectacles with flexible arms and one-piece lens making them virtually indestructible and an excellent fit to all face shapes.

- Anti-scratch coating for added durability
- Individually packed



VTT12302589 Safety Spectacles **£2.97**

Diego Safety Spectacles

Ultra lightweight with clear polycarbonate curved lens and side shield. Fully adjustable nylon side arms

- Pack of 2



VTT12302824 Safety Spectacles **£10.40**

Safety Goggles

A compact lightweight goggle with a tough polycarbonate lens that offers high resistance to impact from flying particles.

- Vented body
- PVC frame



VTT12302594 Safety Goggles **£1.78**

Bolle Safety Goggles

Safety goggles with ventilated crystal PVC frame and clear polycarbonate lens.

- Provides impact protection
- Adjustable strap
- Fits over prescription glasses



VTT12302593 Safety Goggles **£1.17**

Chemical Safety Goggles

A compact lightweight goggle with a tough polycarbonate lens that offers high resistance to impact from flying particles.

- Vented body
- PVC frame
- Chemical resistant



VTT12302595 Chemical Safety Goggles **£1.78**

Face Shield

Browguard and visor provides full head and face protection with a wide field of vision.

- Adjustable headband
- Tilting polycarbonate shield



VTT12302597 Face Shield **£8.90**

VTT12302599 Replacement Visor **£5.55**

Lightweight Face Shield with Poly Visor

Full face shield covering with adjustable fit.



VTT12302598 Face Shield **£4.27**

Protexx Faceshield

Supplied fully assembled, this face shield has an elasticated headband and soft-seal fitting against the forehead to prevent air gaps.



SAT070010 Protexx Faceshield **£2.97**

STORAGE & SAFETY

3-Panel Safety Shield

Perfect for counters and desks, this safety barrier with 3 adjustable panels provides additional protection when demonstrating classroom experiments.

Made of high quality and durable polycarbonate with optimal visual clarity that can be easily cleaned on a regular basis with common disinfectants.

- 4mm thick polycarbonate
- 610mm tall
- 225mm wide end panels
- 300mm centre panel



VTT12302652 Safety Shield £56.86

Ductless Fume Cabinet

Provide additional safe ventilated space and contain hazardous fumes in your school laboratory with this ductless re-circulatory carbon filtration fume cabinet.

Chemcap Clearview cabinets meet the requirements of all major and recognised Standards worldwide for containment and filtration by incorporating efficient 'Chemcap' carbon filters for fume removal and HEPA filters for particulates.

Can be placed directly onto an existing laboratory bench or used with a free-standing open bench or cupboard bench (both available separately).

- Tear-drop access
- Internal LED lighting
- External Dimensions: 1000x570x1145mm

Maximise safety in your lab environment without the need for expensive ducting



Ask us about other sizes...

VTT12301188 Ductless Fume Cabinet £5,548.57

Male Laboratory Coats

Mens white polyester-cotton lab coat with two side, and one top pocket. Features a centre back vent and concealed stud front fasteners.

- Length: 100cm



VTT12302608 112cm Chest £16.43

VTT12302611 128cm Chest £21.64

Female Laboratory Coat

Ladies white polyester-cotton lab coat with two side, and one top pocket.

- Concealed stud front fasteners
- Chest Size: 100cm
- Length: 110cm



VTT12302615 100cm Chest £18.03

Neoprene Safety Apron

Neoprene aprons provides protection from a large range of chemicals such as acids, solvents, caustics and oils. Ideal for chemical plants, plating facilities and general lab work.

- Small: 24/30"
- Large: 27/42"



VTT12307217 Small £12.69

SAC140022 Large £12.90

STORAGE & SAFETY

Standard Powder-Free Nitrile Gloves

These nitrile gloves offer superior strength, durability, and chemical resistance for lab applications. The micro-texture enhances grip, while the touch screen-friendly design ensures ease of device use. A beaded cuff provides a secure fit, preventing roll-back, and maintaining maximum dexterity and safety during experiments and chemical handling.

- Latex-free
- Thickness: 28mm
- Box of 100



VTT12307069	Small	£4.24
VTT12307070	Medium	£4.24
VTT12307071	Large	£4.24
VTT12307072	Extra Large	£4.24

Heavy-Duty Powder-Free Nitrile Gloves

These heavy-duty, powder-free orange nitrile gloves offer strength, durability, and chemical resistance. Designed for secure handling, they provide excellent traction, dexterity, and toughness. The durable beaded cuff ensures a secure fit and prevents roll-back, making them ideal for working with various substances in demanding laboratory tasks.

- Latex-free
- Thickness: 7mm
- Box of 50



VTT12307073	Small	£5.26
VTT12307074	Medium	£5.26
VTT12307075	Large	£5.26
VTT12307076	Extra Large	£5.26

Heavy-Duty Powder-Free Nitrile Gloves with Long Cuff

Heavy-duty, powder-free royal blue nitrile gloves offer exceptional strength, durability, and chemical resistance. With a 10g weight, beaded cuff, and superior traction grip, they provide enhanced protection for handling apparatus and chemicals, maintaining dexterity, toughness, and coverage for rigorous tasks and extensive chemical work.

- Latex-free
- Thickness: 7mm
- Box of 50



VTT12307077	Small	£6.56
VTT12307078	Medium	£6.56
VTT12307079	Large	£6.56
VTT12307080	Extra Large	£6.56

Green Nitrile Gauntlets

Flock-lined for additional comfort, this pair of unsupported green nitrile gauntlets provide a high level of resistance to abrasion, solvents and animal fats.

- Embossed pattern to palm
- Silicon and wax free
- Level 4 abrasion resistance
- Overall Length: 315mm



VTT12301448	Medium	£2.90
VTT12301449	Large	£2.90

Plain Label Resealable Bags

Strong transparent grip seal bags ideal for small to medium-sized goods.

Grip seal ensures the bag stays shut and can be opened easily. Protects against dirt and moisture, particularly useful for items kept in storage.

Made from low-density polythene.

- Thickness: 160 gauge
- Pack of 100



VTT12301037	150x230mm	£2.73
VTT12301038	75x80mm	£0.70
VTT12301039	89x114mm	£1.01
VTT12301040	100x140mm	£1.32
VTT12301041	125x190mm	£2.85
VTT12301042	200x280mm	£5.12

Virkon Virucidal Surface Disinfectant – 500g

An easy-to-use wide spectrum disinfectant that can be applied in powder form or easily dissolved with water to make an inexpensive liquid disinfectant.

Non-corrosive, non-bleaching, and biodegradable.

Always read the label.



VTT12301218	Surface Disinfectant	£4.794
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Milton Sterilising Tablets – 28's

Kills 99.9% of germs without the need to rinse.

Use for general cleaning and lasts up to 24 hours.

Read the label.

- Pack of 28



VTTN12301515	28 Sterilising Tablets	£5.30
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STORAGE & SAFETY



Versatile transport and storage solutions for busy laboratories

Complete your daily transportation and storage tasks with ease using the sturdy, ergonomic and versatile trolleys from DuraLab. Tapered tray edge allows for easy loading and removal of equipment, with each shelf capable of comfortably housing 2x Grattells trays side-by-side.



Strong



Ergonomic



Lightweight



Easy to build



Warranty



SUITABLE FOR THE NEW STORAGE BIN ACCESSORY

(DRL0013 sold separately)

DRL0001	2-Shelf Laboratory Trolley !! BEST SELLER !!	£99.60
DRL0002	3-Shelf Laboratory Trolley	£116.40
DRL0003	4-Shelf Laboratory Trolley	£135.40
DRL0004	2-Shelf Large Laboratory Trolley !! BEST SELLER !!	£126.80
DRL0005	3-Shelf Large Laboratory Trolley	£150.20

DuraLab Laboratory Trolley, Extra Deep Shelves

Keep equipment safe and secure on your daily travels with extra deep shelves and a lockable cupboard trolley option.

- Extra deep 100mm trays
- Not suitable for Hanging Bucket



DRL0014	2-Shelf	£97.20
DRL0015	3-Shelf	£110.20
DRL0016	1-Shelf, Lockable	£160.00

DuraLab Pneumatic Castors

Set of 4x pneumatic castors compatible with the DuraLab trolley range. Ideal for improving trolley mobility in challenging lab environments or on rough terrain.



DRL0008	Pneumatic Castors	£142.20
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DuraLab Hanging Bucket with Clip-On Lid

Add extra storage to standard-shelf DuraLab trolleys. Perfect for a multitude of uses including waste disposal or transport.



DRL0013	Storage Bucket	£17.00
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IGNITING YOUR CAREER THROUGH PROFESSIONAL REGISTRATION

WHAT IS PROFESSIONAL REGISTRATION?

The Science Council recognises excellence in the practice of science by awarding Registered Science Technician (RSciTech) to experienced technical scientists. The RSciTech professional award has been developed to incorporate the key professional attributes valued by employers; it is a quality mark that demonstrates commitment to the highest standards in the practice of science.

WHAT ARE THE BENEFITS OF REGISTRATION?

- Recognise your experience, expertise, and commitment in your chosen scientific field of practice.
- Provide connections to a broad community and network of scientists, working in a variety of disciplines.
- Help to plan and progress your future career, with a structured framework for goal setting.
- Showcase your dedication to upholding professional standards to employers, colleagues, and clients.

HOW WILL THE T LEVEL PROFESSIONAL COMPETENCE LOG HELP YOU?

Completing the Professional Competence Log as you progress through your T Level will give you a head start on your path towards RSciTech by increasing your understanding of the competences and the types of evidence required.

This record of your professional development will also help you to stand out when you're applying for a job, apprenticeship, or further study.

FIND OUT MORE

Use the QR code to learn more about RSciTech status, eligibility, the application process, case studies of registered science technicians and the professional benefits you can expect, please refer to the Science Council website: [sciencecouncil.org](https://www.sciencecouncil.org)



RSciTech

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Science Technician



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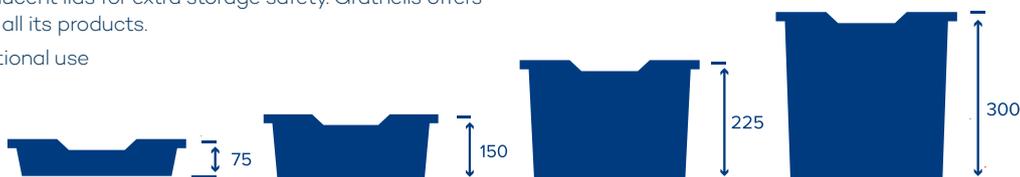
STORAGE & SAFETY

Award-winning Gratnells trays offering quality and value

The world-renowned Gratnells trays are the perfect solution for storing science materials and equipment. Use as part of the Gratnells integrated storage system, or in any school furniture which employs a 312mm tray width. Each tray is made from super-strong polypropylene (able to withstand 108°C) and is chemically inert, cadmium free, and fire retardant.

Available in four different heights and a wide range of colours, the trays can be fitted with Gratnells foam and plastic inserts and clip-on translucent lids for extra storage safety. Gratnells offers a full five year manufacturer guarantee on all its products.

- BSI tested and passed for heavy educational use
- All trays fit standard school furniture
- Size: 312x430mm (depth shown)



Gratnells Tray, Flame Red



VTT12302701	F1	£4.10
VTT12302717	F2	£5.95
VTT12302725	F25	£8.50
VTT12302736	F3	£10.50

Gratnells Tray, Royal Blue



VTT12302703	F1	£4.10
VTT12302713	F2	£5.95
VTT12302734	F3	£10.50

Gratnells Tray, Sunshine Yellow



VTT12302707	F1	£4.10
VTT12302718	F2	£5.95
VTT12302726	F25	£8.50
VTT12302737	F3	£10.50

Gratnells Tray, Grass Green



VTT12302705	F1	£4.10
VTT12302719	F2	£5.95
VTT12302739	F3	£10.50

Gratnells Tray, Plum Purple



VTT12302702	F1	£4.10
VTT12302715	F2	£5.95

Gratnells Tray, Fuchsia Pink



VTT12302711	F1	£4.10
VTT12302723	F2	£5.95

Gratnells Tray, Light Grey



VTT12302710	F1	£4.10
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Gratnells Tray, Steel Blue



VTT12302716	F2	£5.95
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Gratnells Tray, Tropical Orange



VTT12302714	F2	£5.95
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Gratnells Tray, Olive Green



VTT12302709	F1	£4.10
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Gratnells Tray, Tan Brown



VTT12302712	F1	£4.10
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Gratnells Tray, Translucent



VTT12302708	F1	£4.10
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STORAGE & SAFETY

Foam and Tray Inserts

Protect delicate items and add versatile organisation to your Gratnells trays with a choice of plastic trays and foam inserts.

Moulded plastic tray inserts fit directly into shallow trays or nest in deep trays to instantly divide them into sections, keeping smaller items separated and organised.

Ideal for storing stationery or early years counters, they keep materials sorted and ready for use, with compartment combinations sized for markers, crayons, pens, and more.

Foam inserts are another useful organisational accessory, particularly suited for storing delicate equipment such as glassware. Designed to fit shallow F1 trays or deep F2 trays, these foam inserts securely hold a range of items including calculators, stopwatches, safety goggles, reagent bottles, test tubes, and boiling tubes. For irregular-shaped, delicate objects, a customisable foam insert option is also available.



Gratnells Moulded Standard Shallow Insert – 1+2 Sections

Keep your science equipment stored safely and with ease of access.



VTT12302749 Dove Grey £5.90

Gratnells Moulded Standard Shallow Insert – 4 Sections

Keep your science equipment stored safely and with ease of access.



VTT12302746 Dove Grey £5.90

Gratnells Moulded Standard Shallow Insert – 8 Sections

Keep your science equipment stored safely and with ease of access.



VTT12302748 Dove Grey £5.90

Gratnells Foam Insert – 30x Safety Spectacles

A useful foam insert that allows you to carefully store 30x spectacles in a tray.



VTT12302756 Product Description £6.90

Gratnells Foam Insert – 56x 25mm Test Tubes

A useful foam insert that allows you to carefully store lab test tubes.



VTT12302753 Product Description £5.90

Gratnells Foam Insert – 108x 15mm Test Tubes

A useful foam insert that allows you to carefully store safety spectacles in a tray.



VTT12302752 Product Description £5.90

Gratnells Foam Insert – 30x Stopwatches

A useful foam insert that allows you to carefully store 30x stop watches.



VTT12302754 Product Description £5.90

Gratnells Foam Insert – Customisable Squares

A useful foam insert that can be customised to suit your storage needs.



VTT12302757 20x20mm Squares £6.90

Gratnells Clip-On Tray Lid

Clip on lid fits each height within the Gratnells tray collection.

- EduLab branded



VTT12306265 EduLab Branded Tray Lid £3.45



STORAGE & SAFETY

Gratnells Bare Science Trolley with Tray Runners

Bare trolleys supplied without trays.



VTT12307122	1-Column with Runners (Holds 3x F2 Trays)	£221.45
VTT12307123	2-Column with Runners (Holds 6x F2 Trays)	£337.90
VTT12307124	3-Column with Runners (Holds 9x F2 Trays)	£417.75

Gratnells Science Trolley with Shelves

Bare open-shelved trolleys supplied without trays.

- 2x Adjustable shelves



VTT12307129	2-Column Wide	£340.25
VTT12307131	3-Column Wide	£436.85

Gratnells Callero Plus Trolley with Trays

The lightweight Callero Double trolley ensures safe and effortless movement. Swift tray access maximizes lesson time. Ample storage, compact footprint. Ideal for versatile learning environments.



VTT12307133	2-Column + 8x Deep (F2) Trays	£387.41
VTT12307134	3-Column + 16x Shallow (F1) Trays + 4x Deep (F2) Trays	£465.90
VTT12307135	3-Column + 24x Shallow (F1) Trays	£478.98
VTT12307136	2-Column + 16x Shallow (F1) Trays	£395.88
VTT12307137	2-Column + 8x Shallow (F1) Trays + 4x Deep (F2) Trays	£374.48
VTT12307138	3-Column + 12x Deep (F2) Trays	£451.80

Gratnells Science Bench Trolley Sets with Shallow Trays

A handy way to maximise space in a lab, classroom or prep room.



VTT12307128	1-Column + 6x Shallow (F1) Trays	£218.94
VTT12307130	2-Column + 12x Shallow (F1) Trays	£367.51
VTT12307132	3-Column + 18x Shallow (F1) Trays	£446.36

Gratnells Science Under-Bench Trolley Sets with Shallow Trays

The under bench trolleys are a handy way to maximise space in a lab, classroom or prep room, adding extra storage under any workbench or as a standalone unit.



VTT12307127	1-Column + 5x Shallow (F1) Trays	£219.87
VTT12307129	2-Column + 10x Shallow (F1) Trays	£340.25
VTT12307131	3-Column + 15x Shallow (F1) Trays	£436.85

STORAGE & SAFETY

Gratnells Callero Makerspace Trolley with Trays

Made from curved lightweight steel, the MakerSpace trolley is safe and easy to manoeuvre within a learning space giving teachers and technicians the ultimate flexibility.

Helps collaboration and storage, with trays, inserts, hooks, and mini-bins. Has StopSafe runners for safety.

- Loaded with 12x F1 Shallow Tray and 3x F2 Deep Tray



VTT12307139 Callero Makerspace Trolley with Trays

£725.90

Gratnells Callero STEAM Trolley with Trays

An entry-level, space-efficient solution for school STEAM activities.

The Callero trolley features ergonomic design, braking castors, StopSafe runners, and offers maximum subject-based storage.



VTT12307141 2-Column + 8x Shallow (F1) Trays + 4x Deep (F2) Trays

£489.98

VTT12307142 3-Column + 16x Shallow (F1) Trays + 4x Deep (F2) Trays

£578.98

Gratnells Callero MakerHub Trolley with Whiteboard and Trays

Part of the Callero range, the MakerHub is a double-sided resource hub which allows any learning space to be used dynamically for the benefit of teachers and learners.

It holds two magnetic whiteboards that are easily interchangeable and held safely in place

- Easy to manoeuvre
- 4x F2 Deep Trays



VTT12307140 3-Column + 18x Shallow (F1) Trays

£549.90

Gratnells Rover Trolley with Trays

The Gratnells Rover with its elegant and minimalistic design is easy to use yet can be operated effortlessly on rough terrain due to the durable rubber tyres. The strong metal frame can even manage heavy loads up and down stairs for when transport across a multi-level space is required.

Take your lessons outside!



VTT12307143 2x Jumbo (F3) Trays

£261.83

VTT12307144 3x Extra Deep (F25) Trays

£264.52

VTT12307145 3x Deep (F2) Trays

£259.27

STORAGE & SAFETY

Gratnells ChemStore Tall Frame with Trays

For teachers and technicians looking to safely store large amounts of chemicals, our 'ChemStore' set will make sorting and organising a breeze. This tall double frame, made from sturdy, powder coated steel available in either White, Gratnells Grey or Silver, can be attached to the wall for full stability and peace of mind.



VTT12307147	2-Column + 12x F1 Trays + 4x F2 Trays + 2x F3 Trays	£898.89
VTT12307148	3-Column + 18x F1 Trays + 6x F2 Trays + 3x F3 Trays	£696.05

Gratnells Tall Frame with Trays

An ideal solution for storing and easily accessing a wide range of items in any lab or prep room in a variety of tray sizes.



**BEST
SELLER**

VTT12307146	3-Column + 51x Shallow F1 Trays	£856.85
VTT12307150	2-Column + 34x Shallow F1 Trays	£622.25
VTT12307151	3-Column + 18x Shallow F1 Trays + 9x Deep F2 Trays	£759.93
VTT12307152	2-Column + 18x F1 Trays + 3x F2 Trays + 3x F3 Trays	£729.67

Gratnells Mid-Height Frame with Trays

An ideal solution for storing and easily accessing a wide range of items in any lab or prep room.

Available in a variety of tray combinations offering the flexibility to choose the storage which best suits your needs.

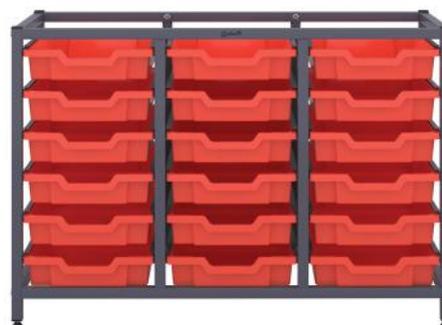
- Additional frame supports
- Adjustable feet



VTT12307149	3-Column + 15x F1 Trays + 6x F2 Trays + 3x F3 Trays	£603.52
VTT12307153	3-Column + 39x F1 Trays	£708.57

Gratnells 3-Column Under-Bench Frame with Trays

A handy way to maximise space in a lab, classroom or prep room, adding extra storage designed to fit underneath any workbench.



VTT12307155	Under-Bench + 18x Shallow F1 Trays	£355.31
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STORAGE & SAFETY

Gratnells Tall Treble-Span Frame with Shelves

An ideal solution for storing large items in any lab or prep room, with a range of combinations available for all your organisational needs.

- Supplied without trays



VTT12307156	4x Shelves	£421.01
VTT12307157	6x Shelves	£511.05

Gratnells Dynamis Tall Treble-Span Frame Set

The Dynamis collection offers flexible, cost-effective storage solutions for classrooms. It provides high-density storage on a small footprint to maximise learning space. Trays can be colour-coded for easy organisation and quick identification, helping teachers set up lessons and students tidy away.



VTT12307158	3x Shelves + 12x Deep F2 Trays	£521.69
VTT12307159	3x Shelves + 24x Shallow F1 Trays	£608.90

Gratnells Callero Cloakroom Trolley

Keep laboratories free from clutter and trip hazards with the stylish and robust Callero Cloakroom Trolley.

Perfect for storing coats, bags and lab coats to keep belongings safe and tidy.

- Easy-to-use foot-activated brake
- 32 double hooks

Keep your lab coats tidy and mobile!



VTT12307160	3-Column + 16x Shallow (F1) Trays + 4x Deep (F2) Trays	£599.89
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Shop the toughest trays on the market on page 116



STORAGE & SAFETY

Flammable Liquid Cabinets

Robust steel cabinet, designed for storing and segregating flammable liquids and substances.



VTT12307161	1-Door, 1 Shelf (50mm Sump) – 76x46x46cm	£181.00
VTT12307162	1-Door, 1 Shelf (50mm Sump) – 92x46x46cm	£194.00
VTT12307163	2-Door, 1 Shelf (50mm Sump) – 71x92x46cm	£277.00
VTT12307164	2-Door, 1 Shelf (50mm Sump) – 92x92x46cm	£299.00
VTT12307165	2-Door, 2 Shelves (150mm Sump) – 152x92x46cm	£420.00
VTT12307166	2-Door, 3 Shelves (150mm Sump) – 183x92x46cm	£455.00

COSHH Cabinets

Robust steel COSHH cabinet designed for the secure storage of hazardous chemicals.



VTT12307167	1-Door, 1 Shelf (50mm Sump) – 76x46x46cm	£195.00
VTT12307168	1-Door, 1 Shelf (50mm Sump) – 92x46x46cm	£202.00
VTT12307169	2-Door, 1 Shelf (50mm Sump) – 71x92x46cm	£288.00
VTT12307170	2-Door, 1 Shelf (50mm Sump) – 92x92x46cm	£310.00
VTT12307171	2-Door, 2 Shelves (150mm Sump) – 152x92x46cm	£430.00
VTT12307172	2-Door, 3 Shelves (150mm Sump) – 183x92x46cm	£465.00

Yellow Cabinet Stand

457mm wide x 457mm deep.



VTT12307185	Stand	£115.00
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Yellow Cabinet Shelf

Additional yellow shelf for single or double door flammable liquid cabinet.



VTT12307189	Single	£38.00
VTT12307280	Double	£52.00

Grey Cabinet Stand

457mm wide x 457mm deep.



VTT12307186	Stand	£115.00
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Grey Cabinet Shelf

Additional grey shelf for single or double door COSHH cabinet.



VTT12307190	Single	£38.00
VTT12307281	Double	£52.00

STORAGE & SAFETY

Acid Cabinets

Secure storage cabinet designed to safely store acid and hazardous materials.



VTT12307173	1-Door, 1 Shelf (50mm Sump) – 76x46x46cm	£195.00
VTT12307174	1-Door, 1 Shelf (50mm Sump) – 92x46x46cm	£202.00
VTT12307175	2-Door, 1 Shelf (50mm Sump) – 71x92x46cm	£300.00
VTT12307176	2-Door, 1 Shelf (50mm Sump) – 92x92x46cm	£350.00
VTT12307177	2-Door, 2 Shelves (150mm Sump) – 152x92x46cm	£535.00
VTT12307178	2-Door, 3 Shelves (150mm Sump) – 183x92x46cm	£598.00

Pesticide Cabinets

Provides safe storage of pesticides, fertilisers, herbicides and other turf chemicals.



VTT12307179	1-Door, 1 Shelf (50mm Sump) – 76x46x46cm	£200.00
VTT12307180	1-Door, 1 Shelf (50mm Sump) – 92x46x46cm	£220.00
VTT12307181	2-Door, 1 Shelf (50mm Sump) – 71x92x46cm	£340.00
VTT12307182	2-Door, 1 Shelf (50mm Sump) – 92x92x46cm	£360.00
VTT12307183	2-Door, 2 Shelves (150mm Sump) – 152x92x46cm	£525.00
VTT12307184	2-Door, 3 Shelves (150mm Sump) – 183x92x46cm	£525.00

White Cabinet Stand

457mm wide x 457mm deep.



VTT12307187 Stand **£115.00**

White Cabinet Shelf

Additional white shelf for single or double door acid cabinet.



VTT12307191 Single **£38.00**
VTT12307282 Double **£52.00**

Red Cabinet Stand

457mm wide x 457mm deep.



VTT12307188 Stand **£115.00**

Red Cabinet Shelf

Additional red shelf for single or double door pesticide cabinet.



VTT12307192 Single **£38.00**
VTT12307283 Double **£52.00**

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GLOSSARY

Alcohol Lamp: A small lamp filled with alcohol, used as a heat source in some experiments.

Analytical Balance: A very sensitive scale used to measure mass precisely, often used in high-precision experiments.

Ammeter: A device for measuring the strength of an electric current in units called amps.

Autoclavable: Describes a material or item can withstand the intense heat and pressure of an autoclave without damage or degradation.

Barometer: A scientific instrument used to measure atmospheric pressure, commonly used in meteorology and environmental science experiments.

Boiling Tube: A large tube made of glass used to strongly heat substances and resembles a scaled-up test tube, but larger in size.

Borosilicate Glass: A type of glass with the main glass-forming constituents' silica and boron oxide, more resistant to thermal shock.

Buchner Funnel: A piece of equipment used by scientists for filtering.

Bunsen Burner: A small gas burner used in science labs to provide a controlled flame for heating substances.

Burette: A glass tube with measurements and a small tap at the base, used for adding a measured quantity of liquid into something.

Calorimeter: A piece of equipment for measuring the amount of heat produced in a chemical reaction.

Centrifuge: A machine that spins test tubes at high speeds to separate substances based on their densities.

Centrifuge Tubes: Small tubes designed for use in a centrifuge, where they hold samples that are spun at high speeds for separation based on density.

Colorimeter: An instrument that compares the amount of light getting through a solution with the amount that can get through a sample of pure solvent.

Conical Flask: A type of flask with a wide base and a narrow neck, used for mixing liquids without spilling.

Crucible: A small, heat-resistant container used to heat substances to very high temperatures, often in conjunction with a Bunsen burner or furnace.

Distillation Apparatus: A set of equipment used for separating mixtures based on differences in boiling points.

Dropping Bottle: A bottle used for dispensing liquids in small, controlled amounts, typically with a dropper-style cap.

Electrode: A conductor used to make contact with a non-metallic part of a circuit, such as when measuring voltage or conducting electrochemical reactions.

Electrophoresis: A technique that uses an electric field to separate molecules (like DNA, RNA, or proteins) based on their size and charge.

Evaporating Dish/Basin: A shallow dish used to carry out the process of crystallisation, where a solvent is evaporated to form crystals of a substance.

Fume Hood: A ventilated enclosure used to carry out experiments involving hazardous or volatile chemicals to ensure safety by removing fumes.

Filter Paper: A type of paper used to separate solids from liquids by filtration, typically with the use of a funnel.

Flow Meter: A device used to measure the rate of flow of liquids or gases in experiments.

Geiger Counter: An electronic instrument used to detect and measure ionizing radiation, such as alpha particles, beta particles, and gamma rays.

Graduated Cylinder: A tall, narrow container marked with a scale to measure the volume of liquids accurately.

Hot Plate: An electrical device used for heating substances in a lab setting.

Magnet: A device that produces a magnetic field, used to explore forces, and interactions.

Magnetic Stirrer: A device used to stir liquids automatically using a rotating magnetic field, typically with a magnetic bar placed inside the liquid.

Measuring Spoon: A spoon used for measuring specific amounts of solid or liquid chemicals in the laboratory.

Micrometer: A device used for making very exact measurements or for measuring very small things.

Micropipette: An instrument with a thin tube, used for moving or measuring a very small amount of liquid.

Microscope: An instrument used to view small objects or organisms that cannot be seen with the naked eye.

Nuffield Spatula: A type of laboratory spatula, specifically designed for handling and measuring small amounts of materials.

Pestle & Mortar: A tool used to crush or grind solids into powders.

Petri Dish: A shallow, flat dish used to culture bacteria, fungi, or cells, typically made of clear glass or plastic.

Pipette: A small tool used to transfer a precise volume of liquid from one container to another.

Pipettor: A type of pipetting aid that operates by piston-driven air displacement.

Polymerase Chain Reaction (PCR) Machine: A machine used in molecular biology to amplify DNA, making it easier to analyse and study.

Raybox: A laboratory instrument used in optics experiments to produce narrow, straight beams of light, also known as rays

Reagent Bottle: A glass or plastic bottle used to store chemical reagents in a lab, typically labelled for easy identification.

Retort Stand: A metal stand with adjustable clamps used to hold equipment such as flasks or test tubes during experiments.

Ring Stand: A metal stand used to hold equipment like a clamp or a wire gauze, often used for heating or supporting glassware.

Safety Goggles: Protective eyewear used to shield the eyes from chemical splashes, flying debris, or harmful light during experiments.

Separation Funnel: A funnel-shaped container used to separate liquids that do not mix, typically by gravity, due to differences in density (used in extraction processes).

Spectrometer: Used to measure the reflection or transmission of light by an object.

Spirit Lamp/Burner: A small flame source that burns alcohol or other fuels, often used in smaller experiments requiring heat.

Syringe: A device used to draw in or dispense liquids or gases in a controlled manner.

Syringe Pump: A device that precisely controls the flow rate of liquids or gases.

Tongs: A gripping tool used for handling hot objects or chemicals safely in the lab.

Test Tube: A small cylindrical glass tube used for holding small quantities of liquids or chemicals for experiments.

Thermometer: A device used to measure temperature. In a science lab, they may be mercury, alcohol, or digital thermometers.

Vacuum Pump: A pump that removes air from a sealed container to create a vacuum.

Van De Graaff Generator: Named after an American physicist, the machine builds up static electricity on a metal globe by using a moving belt to accumulate charge.

Voltmeter: Used for measuring the voltage between two points on an electric circuit.

Vortex Mixer: A device used to rapidly mix small quantities of liquids by creating a vortex in the container.

Watch Glass: A small, concave piece of glass used to cover beakers or hold small amounts of solids for heating.

Weighing Boat: A shallow container used to weigh small quantities of substances, typically powders, before transferring them into another container.

Wire Gauze: A mesh-like material placed on a tripod or ring stand to support beakers or flasks during heating, ensuring even distribution of heat.

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TERMS & CONDITIONS OF SALE

1. DEFINITIONS

In these Conditions of Sale:

"Seller" means the company supplying the Goods and/or Services, being VITTA Group Ltd (registered in England with company number 135476792).

"Buyer" means the individual, company, or other parties with whom the Seller contracts. "Contract" means the Contract for the supply of Goods and/or Services entered into under clause 2 below. "Services" means, as applicable, the Services the subject of an order placed with the Seller. "Goods" means, as applicable, Goods the subject of any order placed with the Seller.

2. BASIS OF SALE

21 Quotations are given and orders are accepted by the Seller only on the basis that these conditions of sale exclusively apply to all Contracts. The Seller shall sell and Buyer shall purchase the Goods and/or Services in accordance with any written quotation of the Seller which is accepted by the Buyer or any written order of the Buyer which is accepted by the Seller subject in either case to these conditions governing the Contract which is formed to the exclusion of any other terms and conditions (including the Buyer's Conditions of purchase) subject to which any such quotation is accepted or purported to be accepted or any such order is made or purported to be made by the Buyer.

22 Any statement (whether written or oral) description drawing photograph, illustration, diagram, or specification concerning the Goods made before the Contract are for the purpose of information and guidance only.

23 Where Goods are sold by reference to a description in a catalogue or web site, the Goods are sold subject to tolerances and variations expressed or implied in the catalogue.

24 Any typographical, clerical, or other error or omission in any document or information issued by the Seller shall be subject to correction without any liability on the part of the Seller.

25 Any advice or recommendation given by the Seller for the storage, installation, application, or use of the Goods shall not constitute any warranty or guarantee and storage, application, installation and use of the Goods (or the use of the Goods to store other items) shall be entirely at the Buyer's own risk. The Seller shall not be liable for any such advice or recommendation and the Buyer shall ensure that the Goods are properly installed and fitted and thereafter used by a suitably competent and where necessary qualified person.

26 The Seller's employees or agents are not authorised to make any recommendations concerning the Goods or Services unless confirmed by the Seller in writing and in entering into the Contract the Buyer acknowledges that it does not rely on any such representation which is not so confirmed.

27 References to clauses are to clauses of these conditions and references to sub-clauses are to sub-clauses of the clause in which the reference appears.

28 All of these conditions shall apply to the supply of both Goods and Services except where applicable to one or the other as specified.

29 Substances included in the First Schedule of the Poisons Rules under Section 7 of the Poisons Act 1972 are marked "S1". They are subject to Goods that could be used for illicit purposes may be added for additional controls on supply. The Buyer agrees to provide full information including their name, address, profession, and the purpose for which each product or substance is being supplied.

3. ORDER AND SPECIFICATIONS

31 The Buyer shall be responsible to the Seller for ensuring the accuracy of the terms of any order (including any applicable specification) submitted by the Buyer and for giving the Seller any necessary information relating to the Goods or Services within a reasonable time to enable the Seller to perform the Contract in accordance with its terms.

32 No order shall be binding on the Seller unless or until such order is accepted by the Seller unless in writing.

33 The Seller reserves the right to make any changes in the specification of the Goods which are required to conform to any applicable statutory or other statutory requirements, or where the Goods are to be supplied to the Buyer's specification, which does not materially affect their quality or performance.

34 If any of the Goods are found not to be in accordance with the specification agreed between the Seller and the Buyer the Buyer shall notify the Seller within three (3) days of delivery and the Seller reserves the right for its representative to visit the Buyer's premises to examine the returned Goods and if any are found in the sole discretion of the Seller not to so conform the Seller may at its sole option either:

(a) At its own expense replace the Goods found not to be in accordance with such specification; or

(b) Reduce the contract price by an amount equivalent to that proportion of the price payable in respect of the Goods found not to conform to the specification.

35 Save for where clause 8.10 applies, the Goods are non-refundable and the price paid for the Goods is non-refundable if the Seller decides in its absolute discretion to accept the return of the Goods, then it will notify the Buyer accordingly. The Seller may not agree to the return of the Goods unless they are in the same pristine condition that they were in at delivery and the Buyer, if requested, promptly confirms this in writing to the Seller. Where the Seller exercises its discretion as to the return of the Goods then upon the return of the Goods in pristine condition, the Seller shall refund the purchase price less its administration and returns charge. The administration and returns charge will be a percentage of the purchase price of the Goods.

36 Where the Goods returned are not in pristine condition then the Seller shall be entitled at its discretion to either (A) accept the return of the Goods subject to (i) the administration and returns charge and (ii) such further deduction, from the purchase price to be refunded, as the Seller considers appropriate having regard to the condition of the returned Goods; or (B) refuse the return of the Goods in these circumstances and in which case it will notify the Buyer accordingly and the Buyer shall be responsible for promptly collecting the Goods in question from the Seller (and the related collection costs) and the Seller shall be entitled to retain all of the purchase price.

37 If the Goods are to be manufactured or any process is to be applied to the Goods by the Seller in accordance with a specification submitted by the Buyer, the Buyer shall indemnify the Seller against all losses, damages, costs, and expenses awarded against or incurred by the Seller in connection with or paid or agreed to be paid by the Seller in settlement of any claim for infringement of any patent, copyright, trademark or other industrial or intellectual property rights of any person which results from the Seller's use of the Buyer's specifications.

4. PRICES

41 All prices quoted are exclusive of any applicable Value Added Tax. The Buyer is required to pay any tax, duty, or other government charge levied. All Goods will be supplied at the price and VAT rate ruling on the date of despatch.

42 Quotations are only valid for thirty (30) days, or until earlier acceptance by the Buyer.

43 The Seller reserves the right to vary prices of Goods and Services in certain circumstances, including additional costs arising from any exchange rate and currency movements, any additional costs in packing or transport. The Seller reserves the right to increase prices to recover any additional costs arising from any variation or delay caused by the Buyer's instructions or failure of the Buyer to give the Seller adequate information. The Seller reserves the right to impose a minimum order quantity or handling/delivery charge for any Goods or Services supplied.

44 The Seller reserves the right to recover costs due to the failure of the Buyer to take or accept delivery or to give adequate delivery instructions. Any special delivery requirements must be notified by the Buyer to the Seller at the time of placing the order.

45 The price for the Goods or Services shall (subject to clause 4.7) be that stated on the Seller's quotation or where no price has been quoted a quoted price is no longer valid the price shall be the price ruling in the Seller's price list.

46 Unless otherwise expressly notified by the Seller, the price for Goods shall be ex the Seller's works. Where the Seller agrees to deliver the

Goods otherwise than at the Seller's premises, the Buyer shall be liable to pay the Seller's charges for transport, packing, and insurance.

47 The Seller's price list for Goods is subject to revision, without any notice and any Contract entered into by the Seller is on the understanding that Goods will be supplied at the prices ruling at the date when the Goods are ready for despatch to the Buyer.

48 Unless otherwise specifically stated on the Seller's quotation, any estimate of the price for the supply of Goods or Services given by the Seller is subject to any additional cost of labour or materials or of any additional work which may be found by the Seller to be necessary and which were unforeseen by the Seller at the date of the estimate given.

49 Unless previously instructed to the contrary in writing, the Seller will not raise the Buyer if any substantial estimated increase in price according to sub-clause 4.8 and will not proceed with the supply of any Goods or Services unless and until notified by the Buyer that the Buyer will pay such increased price. However, if the Buyer does not accept any increase in price within five (5) working days then the Seller reserves the right to cancel the Contract.

5. PAYMENT

51 The Seller reserves the right to require payment, in full or partial payment as cleared funds at the time of order and in advance of shipment or collection. This will apply to all payment cards.

52 All payments are to be in the currency specified on the invoice or online account.

53 Payment shall not be withheld pending the settlement of any dispute.

54 If the Buyer has an approved account with the Seller, payment of the price (including without limitation the costs of transport, packaging, and insurance referred to in clause 4.8) shall be made in full and in cash or by cleared funds not later than thirty (30) days following the date of invoice.

55 In all other cases, the Seller shall be entitled to invoice the Buyer, and payment of the price (including without limitation the costs of transport, packaging, and insurance referred to in clause 4.8) shall be made in full in cash or by cleared funds at the time when the Goods or Services are ready to be supplied to the Buyer.

56 Without prejudice to the Seller's right to prompt payment, if the Buyer fails to make any payment on the due date, then the Seller shall be entitled to suspend all or any further deliveries to the Buyer or the provision of all or any Services (in which event the Buyer shall not be released from its obligations to the Seller or cancel the contract or claim damages for breach of Contract) and the Buyer shall pay interest at the rate of 2% per month on the amount outstanding, or any other sum remaining unpaid from the due date of payment of the same and on the day of actual payment and shall, in addition, reimburse to the Seller all reasonable costs and expenses (including legal costs) incurred in the collection of any overdue balance or account.

57 Time for payment is of the essence of any Contract between the Seller and the Buyer.

58 All amounts due under the Contract must be paid by the Buyer in full and any right to assert any credit, set-off, or counterclaim against the Seller are excluded.

59 The Seller reserves the right to set-off any amount owed to it by the Buyer against any amount payable by the Seller to the Buyer.

6. DELIVERY

61 The Seller undertakes to use its reasonable endeavours to deliver by the specified delivery dates. However, any dates quoted for delivery of the Goods and Services are approximate only, and the Seller shall not be liable for any delay in delivery of the Goods otherwise than at the Seller's premises immediately upon arrival of such Goods at the Seller's premises (or such other address notified to the Seller and agreed for the delivery) before unloading or unpacking and upon any loss or liability whatsoever arising from the Goods. The Seller shall not accept any responsibility for any loss or damage to Goods arising during unloading or unpacking.

62 The Seller shall not be liable to the Buyer in any way for the loss or damage whatsoever arising due to the delivery or despatch of goods or supply of Services at a date later than quoted unless the Seller has specifically agreed in writing with the Buyer an agreed sum as liquidated damages and to despatch, deliver or supply at a specified date, which date is stated by the Seller to be of the essence, nor shall the Buyer be entitled to cancel with the Seller in consequence thereof.

63 Delivery of Goods shall be deemed to be made immediately upon collection of the Goods by the Buyer from the Seller's premises or such other address notified to the Seller, or otherwise than at the Seller's premises immediately upon arrival of such Goods at the Seller's premises (or such other address notified to the Seller and agreed for the delivery) before unloading or unpacking and upon any loss or liability whatsoever arising from the Goods. The Seller shall not accept any responsibility for any loss or damage to Goods arising during unloading or unpacking.

64 The Seller shall be entitled to make delivery of the Goods in instalments and the Buyer shall be obliged to pay for each instalment in accordance with the Seller's usual terms. Every delivery shall constitute a separate contract, and failure by the Seller to deliver any one or more of its instalments in accordance with these conditions or any claim by the Buyer in respect of any one or more of its instalments shall not entitle the Buyer to treat the Contract as a whole as repudiated. Further, the Seller may invoice for the provision of Goods or Services regularly regardless of whether the total Goods or Services to be provided have been completed.

65 If the Buyer fails to accept a delivery within three (3) days of notice in writing that the Goods are ready for delivery, the Buyer shall be liable for all storage and other charges. After a further period of ten (10) working days if the Buyer still fails to accept delivery the Seller shall be entitled, without prejudice to its other rights, to resell or otherwise dispose of the Goods.

66 The Buyer shall ensure the prompt turnaround of any delivery vehicles and is to indemnify and keep indemnified the Seller or any agent against any loss or liability whatsoever arising from the Goods.

67 The Buyer must notify the Seller within three (3) days of receipt in respect of shortages, or damage to the Goods failing which proper delivery shall be conclusively presumed to have been made in the case of total loss, the Buyer must notify the Seller within three (3) days of receipt of the invoice or other notification of despatch.

68 Delivery documentation marked "unexamined" or "unchecked" will not be accepted as a conditional signature.

7. RISK AND PROPERTY

71 Risk of damage to or loss of the Goods shall pass to the Buyer upon delivery taking place in accordance with these conditions.

72 Title to the Goods shall not pass to the Buyer until the earlier of (a) the Seller receives payment in full (in cash or cleared funds) for the Goods and any other goods that the Seller has supplied to the Buyer in which case title to the Goods shall pass at the time of payment of all such sums; and (b) the Buyer resells the Goods, in which case title to the Goods shall pass to the Buyer at the time specified in clause 74.

73 Until title to the Goods has passed to the Buyer, the Buyer shall:

(a) store the Goods separately from all other goods held by the Buyer so that they remain readily identifiable as the Seller's property;

(b) not remove, deface or obscure any identifying mark or packaging on or relating to the Goods;

(c) maintain the Goods in satisfactory condition and keep them insured against all risks for their full price on the Seller's behalf from the date of delivery;

(d) notify the Seller immediately if any of the events listed in clause 12 entitling the Seller to terminate the Contract occur; and

(e) give the Seller such information relating to the Goods as the Seller may require from time to time.

74 Subject to clause 75, the Buyer may resell or use the Goods in the ordinary course of its business (but not otherwise) before the Seller receives payment for the Goods. However, if the Buyer resells the Goods before that time: (a) it does so as principal and not as the Seller's agent; and (b) title to the Goods shall pass from the Seller to the Buyer immediately before the time at which resale by the Buyer occurs.

75 If before title to the Goods passes to the Buyer, any of the events listed in clause 12 occur entitling the Seller to terminate the Contract then the Seller's limit on the Buyer's right to resell or use the Seller may have (a) the Buyer's right to sell Goods or use them in the ordinary course of its business ceases immediately; and (b) the Seller may at any

time (i) require the Buyer to deliver up all Goods in its possession which have not been resold; or (ii) irrevocably incorporate into another product; and (iii) if the Buyer fails to do so promptly, enter any premises of the Buyer or of any third party where the Goods are stored to recover them.

76 The Seller shall be entitled to recover payment for the Goods notwithstanding that title to those Goods has not passed from the Seller to the Buyer.

77 All worn or damaged materials replaced by the Seller in the course of its supply of any Goods or Services to the Buyer shall upon the Buyer's default in payment to the Seller in respect of such supply, become the property of the Seller and may be freely disposed of by the Seller.

8. WARRANTY AND LIABILITY

THE CUSTOMER'S ATTENTION IS IN PARTICULAR DRAWN TO THE PROVISIONS OF THIS CLAUSE 8.

81 Where the Seller is the manufacturer of the Goods or assembles the Goods then the Seller warrants that on delivery, and for twelve (12) months from the date of delivery (Warranty Period) that the Goods shall:

(a) conform in all material respects with their description and any applicable specification provided by the Seller as regards those Goods; and

(b) be free from material defects in material and workmanship. Such warranty does not extend to parts, materials or equipment not manufactured or assembled by the Seller.

82 The Seller further warrants that any Services it provides to the Buyer will be provided with reasonable skill and care.

83 Any claim by the Buyer which is based on a breach of warranty under clause 81 (Goods) must be notified as soon as reasonably practicable after discovery and in any event within the Warranty Period.

84 Any claim by the Buyer which is based on a breach of warranty under clause 82 (Services) must be notified to the Seller within three (3) days from the date of provision of the Services or, where the defect or failure was not reasonably apparent at that time within a reasonable time after discovery and in any event within seven (7) days of discovery. Where the defect or failure was not reasonably apparent at that time, the Seller's obligation concerning its provision of Services then it shall at its option repair or replace defective Services or refund the price (or as applicable a reasonable and proportionate part of the price) of the defective Services.

85 Subject to clause 86, the Seller shall, at its option, repair or replace defective Goods, or refund the price (or as applicable a reasonable and proportionate part of the price) of the defective Goods if:

(a) the Buyer gives notice in writing during the Warranty Period that some or all of the Goods do not comply with the warranty set out in clause 81 in accordance with clause 83;

(b) the Seller is given a reasonable opportunity of examining such Goods; and

(c) the Buyer (if asked to do so by the Seller) returns such Goods to the Seller's place of business at the Buyer's cost; and

(d) the Seller accepts that the Buyer has brought a legitimate warranty claim.

86 The Seller shall not be liable for the Goods' failure to comply with the warranty in clause 81 if:

(a) the Buyer makes any further use of such Goods after giving a notice in accordance with clause 8.3;

(b) the defect arises because the Buyer failed to follow the Seller's oral or written instructions as to the storage, installation, commissioning, use, or maintenance of the Goods (or if there are none) good practice;

(c) the defect arises as a result of the Seller following any drawing, design, or Goods Specification supplied by the Buyer;

(d) the Buyer alters or repairs such Goods without the written consent of the Seller;

(e) the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal working conditions; or

(f) the Goods differ from their description the Goods Specification as a result of the Seller's best endeavours to ensure they comply with applicable statutory or regulatory standards.

87 The warranty terms shall apply to any repaired or replacement Goods supplied by the Seller according to clause 85 but not to extend the duration of the Warranty Period which lasts for twelve (12) months from the date of delivery of the original Goods supplied.

88 Where the Seller is not the manufacturer of the Goods, the Seller will use its reasonable endeavours to pass onto the Buyer the benefit of any warranty or guarantee given by the applicable supplier or manufacturer.

89 The warranty in clause 81 does not extend to parts, materials, or equipment not manufactured by the Seller. The Buyer will not be able to rely upon a warranty or guarantee given by the applicable supplier or manufacturer if one or more of the following apply:

(a) the defect arises because the Buyer failed to follow any instructions as to the storage, installation, commissioning, use, or maintenance of the Goods (or if there are none) good practice;

(b) the Buyer or its agent alters or seeks to repair such Goods itself;

(c) the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal working conditions; or

(d) the Goods differ from their description their specification as a result of changes made to ensure they comply with applicable statutory or regulatory standards.

90 No warranty is given that the Goods are suitable for any particular or special purposes or use in connection with any equipment or other product or item unless expressly given in writing by the Seller.

91 In all circumstances where the Buyer returns any Goods to the Seller the Buyer shall be responsible for ensuring that Goods returned to the Seller are free from hazard, including biological, chemical, or radioactive. The Seller reserves the right to refuse to accept any Goods which in its view present a hazard or may infringe any legislation or is without a signed declaration that the Goods are free from any contamination or infection.

92 Payment for any alleged defective Goods or Services shall not be withheld by the Buyer pending investigations by the Seller as to the legitimacy of any warranty claim. If the total price has not been paid by the due date, then Seller shall not be liable under its warranty until the total price has been paid by the Buyer to the Seller.

Limitation of Liability

93 Nothing in these conditions shall limit or exclude the Seller's liability for (a) death or personal injury caused by its negligence; (b) fraud or fraudulent misrepresentation; or (c) any other matter in respect of which it would be unlawful to exclude or restrict liability.

94 Subject to clause 813 the Seller shall not be liable to the Buyer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise for any one or more of the following:

(a) for any loss of profit or loss of business (whether, in each case, direct or indirect);

(b) for any indirect or consequential loss arising under or in connection with any Contract between the Seller and the Buyer; and

(c) for any loss or damage to any other asset, product, or substance resulting from any defect or fault in the Goods in circumstances where the Goods supplied are incorporated in or form part of another product or contain or hold other products or substances.

95 Subject to clauses 813 and 814 the Seller's total liability to the Buyer as regards all other claims (whether for breach of contract, in tort (including negligence), breach of statutory duty, or otherwise) under or under a Contract, save to the extent that such claims have arisen from a breach of the Contract by the Seller.

9. DUTY OF CARE

96 Subject expressly provided in these conditions, all warranties, conditions, and other terms implied by statute or common law are excluded to the fullest extent permitted by law.

Indemnity

97 The Buyer shall hold harmless and keep the Seller indemnified against all claims of whatsoever nature made against the Seller by any third party pursuant to the Seller's provision of Goods or Services under a Contract, save to the extent that such claims have arisen from a breach of the Contract by the Seller.

98 The Buyer has a responsibility to ensure all Goods supplied, (especially hazardous substances) are stored and where appropriate installed and thereafter used responsibly and in accordance with all the appropriate legislation, requirements, and recommendations. The Buyer shall take all appropriate precautions to ensure the safe and suitable installation, handling, and use of the Goods. The Buyer is responsible for taking all steps necessary to eliminate or reduce the risk to health and/or safety arising out of the installation, possession and use of the Goods.

99 Any Goods supplied by the Seller are intended for experimental laboratory use only and are not intended to come into contact with food or drink for human or animal consumption, or used as drugs for humans or animals, or medical devices, unless otherwise clearly stated.

10. INDEMNITY

101 The Seller and its suppliers own intellectual property rights in the Goods and in related literature and brochures. As such the Buyer undertakes that it shall not make copies of the Goods or of the Seller's catalogues, brochures, leaflets (or any parts thereof) without the prior and express written authority of the Seller.

102 The Seller shall have no liability for the infringement of any rights of any third party arising from the manufacture, supply or use of the Goods, to the extent that such claims arise from the Goods being used by the Buyer in combination with any other goods, trademarks, specifications or processes not supplied by the Seller and the Buyer shall hold harmless and keep the Seller indemnified against all such claims.

103 The Seller reserves the right to suspend performance of the Contract until a licence is obtained from the owner of any relevant third party intellectual property rights to permit their use.

11. EXPORT TERMS

111 In these conditions "Incoterms" means the international rules for the interpretation of trade terms of the International Chamber of Commerce and as at the date of writing of these conditions. If there is a conflict between the definition or particular meaning given to a term or expression by the Incoterms and the meaning given to the same term or expression under these conditions, the latter shall prevail.

112 Where the Goods are supplied for export from the United Kingdom the provision of the clause shall (subject to any special terms agreed in writing between the Buyer and the Seller) apply notwithstanding any other provision of this Contract.

113 The Buyer shall be responsible for complying with any legislation or regulation of the country of destination and for the payment of any duties on them.

114 Unless otherwise agreed in writing between the Buyer and the Seller the Goods shall be priced and delivered ex-works the Seller's premises at Carlton House, Livingston Road, Blisdon, West Midlands, WV14 0GZ, United Kingdom. The Seller shall be under no obligation to give notice under Section 32 (3) of the Sale of Goods Act 1979.

115 The Buyer shall be responsible for arranging for testing and inspection of the Goods at the Seller's premises before shipment. The Seller shall have no liability for any claim in respect of any defect in the Goods which would be apparent on inspection and which are made after shipment or in respect of any damage during shipment.

116 Payment of all amounts due to the Seller shall be made by irrevocable letter of credit opened by the Buyer in favour of the Seller and confirmed by a bank acceptable to the Seller or if the Seller has agreed in writing on or before acceptance of the Buyer's order to waive the requirement by acceptance by the Buyer and delivery to the Seller of a bill of exchange drawn by the Buyer payable sixty days after sight of the order. The Seller shall be under no obligation to give notice under Section 32 (3) of the Sale of Goods Act 1979.

12. BUYER DEFAULT

121 If the Buyer defaults in paying any sum due under any Contract with the Seller as and when such sum becomes due or commits any breach of any of its obligations to the Seller or if distress or execution is levied on the Seller's Goods or if the Buyer makes any arrangements with its creditors or commits any act of bankruptcy or goes into, threatens liquidation or if a receiver or manager or administrator is appointed over the Seller's business, the Seller may at its option forthwith suspend all further supplies of Goods or Services until the default has been made good or adequate compensation furnished or may determine its contract with the Buyer so far as any Goods or Services not yet delivered to the Buyer shall have no effect and to sue to any claim which the Seller might otherwise have for breach of Contract and/or for the price of Goods or Services already supplied.

13. GENERAL

131 No waiver by the Seller of any breach of the Contract by the Buyer shall be considered as a waiver of any subsequent breach of the same by any person.

132 If any provision of these conditions is held by any competent authority to be invalid or unenforceable in whole or in part, the validity of the other provisions of these conditions and the remainder of the Contract in question shall not be affected.

133 The Contract and any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with it or its subject matter or formation shall be governed by and construed in accordance with the law of England and Wales. Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with the Contract or its subject matter or formation.

134 The Seller shall be at liberty to sub-contract the supply of any Goods or Services which it has contracted with the Buyer to supply.

135 All drawings, descriptive matter, dimensions, photographs or specifications submitted with a quotation of the Seller and the descriptions and illustrations contained in the Seller's catalogues, brochures and leaflets shall be deemed to be accepted by the Buyer and intended to be an approximate guide only giving a general idea of the Goods or Services described therein and none of them shall form part of any Contract.

136 The Buyer shall indemnify the Seller against all liabilities incurred by the Seller because of any proceedings, claims or demands which may be brought or made against the Seller (including all damages, losses and expenses awarded against or incurred by the Seller) alleging infringement of any patent or other intellectual property of any third party by reason of anything done by the Seller pursuant to designs, specifications or instructions, explicit or implied, furnished by the Buyer to the Seller.

137 Where the Buyer delivers to the Seller property of a person other than the Buyer for the Seller to supply Services in respect of such property, the Buyer shall be deemed to be the agent of the owner of the property and to contract on the owner's behalf.

138 THE SELLER'S PRICES FOR THE SUPPLY OF GOODS OR SERVICES ARE CALCULATED ON THE BASIS THAT THE SAME ARE SUPPLIED ON THESE CONDITIONS OF BUSINESS, INCLUDING ALL EXCLUSIONS OR RESTRICTIONS OF THE SELLER'S LIABILITY CONTAINED HEREIN AND THE BUYER RECOGNISES THAT BY CONTRACTING ON THESE CONDITIONS, IT IS THEREBY OBTAINING THE BENEFIT OF PRICES CALCULATED.

139 The conditions shall constitute the entire agreement concerning the subject matter and no modification or waiver thereof shall be valid unless made in writing expressly for the purpose and signed by an authorised officer of the Seller and of the Buyer provided that nothing in these conditions shall exclude or limit liability for fraud.

140 Unless expressly provided in these conditions, no term of the Contract is enforceable pursuant to the Contracts (Rights of Third Parties) Act 1999 by any person who is not a party to the Contract.

14. DATA PROTECTION

The Seller and the Buyer shall comply with their respective obligations under the Data Protection Legislation. The Buyer's attention is also drawn to the Seller's privacy policy which can be accessed via the Seller's website. In this clause Data protection Legislation means the UK Data Protection Legislation and any other European Union legislation relating to personal data and all other legislation and regulatory requirements in force from time to time which apply to a party relating to the use of personal data and for these purposes "Data Protection Legislation" means all applicable data protection and privacy legislation in force from time to time in the UK.



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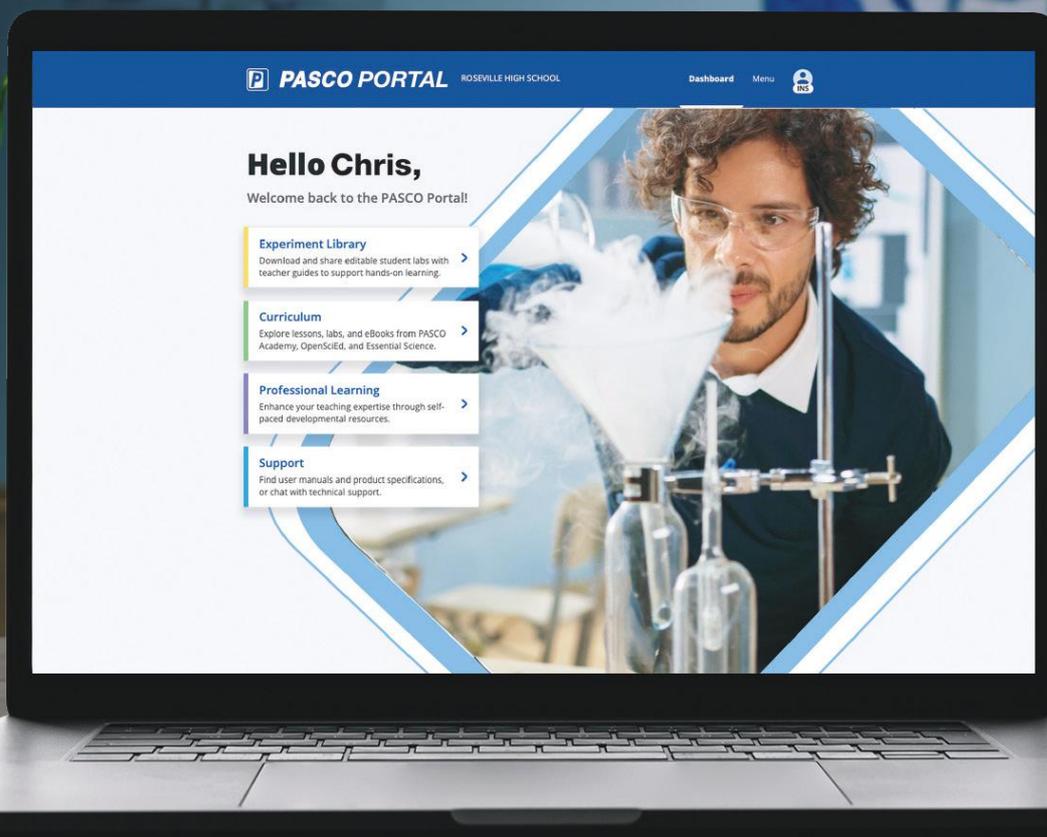
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