



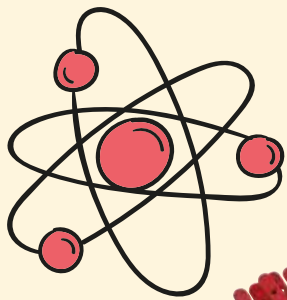
Microscopes & Magnifiers

Microscopes & Magnifiers
Science Bundles

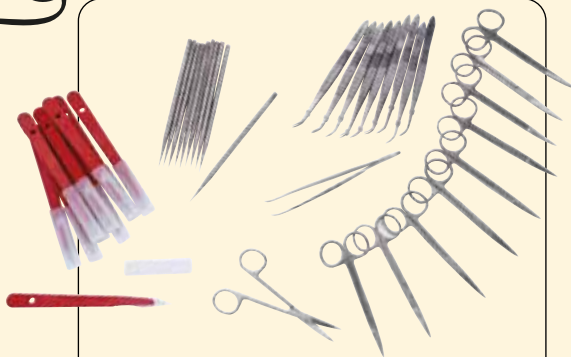
245
244

Full range of Microscopes & Magnifiers available at:

www.rapidonline.com



Science Bundles



Dissection Value Bundle

Order code 78-7206

£42.69

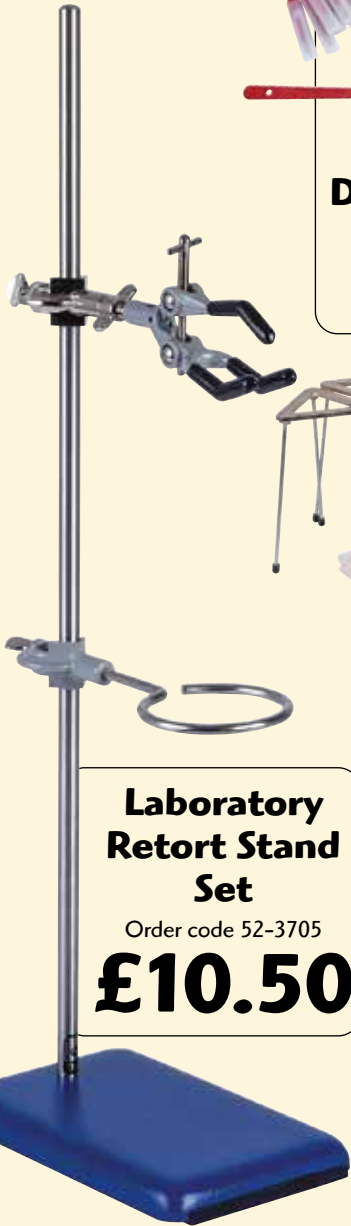


Biology Organs Model Bundle

Lungs, Heart & Kidney

Order code 78-7213

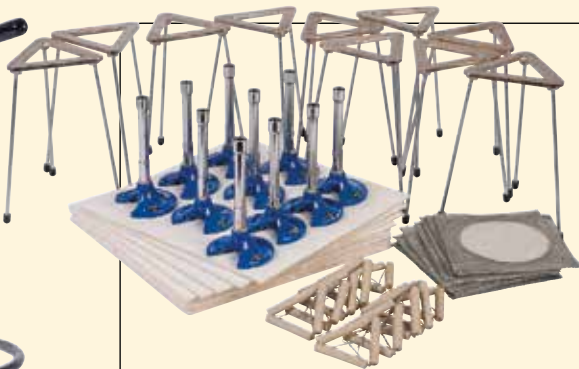
£91.99



Laboratory Retort Stand Set

Order code 52-3705

£10.50



Chemistry Basics Bundle

Order code 78-7210

£97.87



Metal Block Calorimeter Bundle

Order code 78-7207

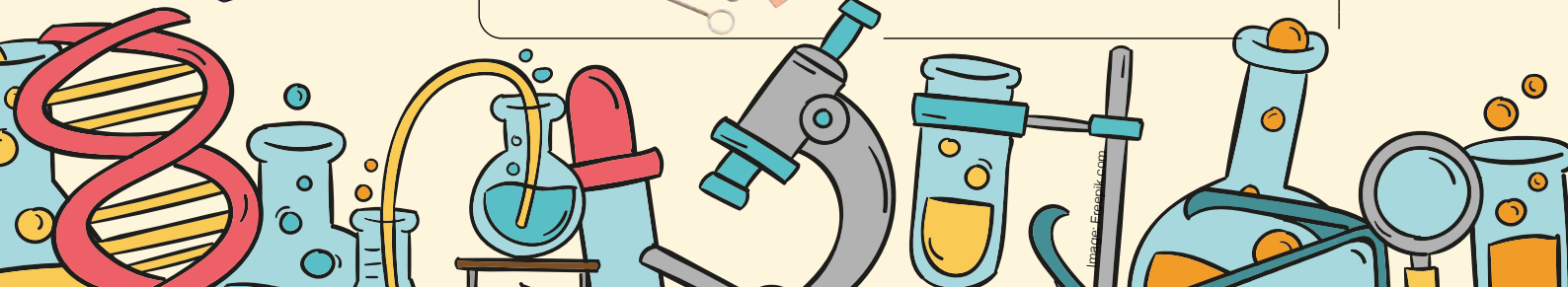
£58.14



Thermal Energy Bundle

Order code 78-7214

£14.95



Microscopes & Magnifiers

Cannot see the microscope or instrument you require?

Celestron's entire range can be ordered with us, simply email your enquiry to education@rapidonline.com.



Optical Microscope Beginners Kit

This **beginners kit** from Celestron features a quality microscope suitable for any budding scientist taking their first steps into the world of microscopy. Whether it's at home, school or college, this entry-level kit with **magnification from 40x to 600x** provides the perfect tool.



At high power, it is ideally suited for examining specimen slides of yeasts and moulds, cultures, plant and animal parts, fibres, bacteria, and more. Use the **lower magnifications** to examine objects like coins, rocks and insects or simply start out by using the provided specimen slides (rocks, honeybee wing, and brine shrimp), before creating your own!

- Easy to use, with sample specimens to get you observing immediately
- Biological microscope with powers from 40x to 600x
- 4x, 15x, and 30x objective lenses and 10-20x zoom eyepiece featuring high-quality glass optics
- Illumination: top pen light style uses 2x AAA batteries (not included); bottom illuminator uses 2x AA batteries (not included)
- Includes 3 prepared glass slides, 2 blank glass slides, 1 blank well slide, light diffuser, needle probe, eye dropper and tweezers
- Manufacturer's part **44121-CGL**

Type	Order code	1+
Optical microscope	52-9641	19.82

Contact us for a quote now!

Quick quote service available online

Either click on a product and ask for a quick quote or visit www.rapidonline.com/quotation for more details



PentaView LCD Digital Microscope



This **digital microscope** from Celestron is a quality instrument suitable for both hobbyists and students, providing superb images for educational and research institutions. The microscope has been designed with a host of rich features, including a **5MP CMOS sensor**, 5 x fully achromatic lens objectives, fine and coarse focus, mechanical stage and a **4.3in colour LCD touchscreen**, which rotates 180° for sharing your view with others.

Accessories included: 10 x prepared slides, hard carrying case, dust cover, touch pen, USB cable and AV cable.

- 40x to 600x magnification, up to 2400x with digital zoom
- 5 fully achromatic objective lenses: 4x, 10x, 20x, 40x, 60x
- Top and bottom adjustable LED illumination
- Fully mechanical stage
- Filter wheel/diaphragm
- AV/TV output with cable
- Optional battery mode
- SD card slot with 4GB SD card included (supports up to 32GB)
- Universal AC adapter with multi-plugs for international usage
- Manufacturer's part **44348-CGL**

Type	Order code	1+
Digital microscope	52-9677	309.85



Labs Compound and Stereo Microscopes

These **compound and stereo microscopes** from Celestron are made from high-quality parts and remain durable enough for use in the classroom or a professional lab. They provide sharp views with excellent detail and include prepared slides or 3D bug specimens to get you observing right away.

- 10x and 20x eyepieces
- LED illumination for detailed viewing
- AA batteries included - ready to use!



Magnification	Order code	1+
20x	52-9643	35.55
2000x	52-9651	364.57



Labs Compound Microscopes

These **compound microscopes** from Celestron are strong, stable quality instruments suitable for both hobbyists and students. They are manufactured with an all-metal construction and are ideal for the home, school or college. The lab-ready microscopes have 10x and 20x/25x eyepieces with 4x, 10x and 40x objective lenses. View specimens at 40x, 100x, 250x, 400x, 800x/1000x magnification.



- Built-in, adjustable LED illumination
- 3 x AA batteries (supplied)

Part code	Manu part	Magnification	Eyepieces
52-9645	44128-CGL	800x	10x and 20x
52-9647	44229-CGL	1000x	10x and 25x

Magnification	Order code	1+
800x	52-9645	79.90
1000x	52-9647	109.36



Handheld Digital Microscope



This **handheld microscope** from Celestron is a quality instrument suitable for both hobbyists and students, allowing images of microscopic specimens to be captured. It is easy-to-use and features up to **5 megapixels of resolution**, so you can record videos or create time-lapse movies. The microscope includes an **adjustable stand** to help you get the perfect angle on stamps, coins, circuit boards, and more.

- True 5MP sensor to capture and save high-resolution images and videos of your specimens
- 5-Element IR cut high-quality glass lens ensures sharper images
- 20x to 200x magnification - great for low-power observation of 3D specimens (final magnification determined by monitor size)
- Professional, adjustable height stand included for hands-free operation
- 4ft USB 2.0 cable for easy manoeuvrability when viewing large surfaces
- Intuitive software with measuring features
- Windows and Mac compatible
- Manufacturer's part **44308-CGL**

Type	Order code	1+
Handheld microscope	52-9653	106.57



We bring STEAM to life



Optik Biolux CEA USB Microscope Set 40-1024x

This Bresser Optik Biolux CEA USB Microscope Set 40-1024x is more than just your normal classic microscope, as it is manufactured from robust solid die cast metal, while the entire set comes in a hardened carrier case. Designed with a number of versatile uses and can be conveniently connected to your computer. Suitable from 8 years and above.



- Power supply
- Rigid Case
- USB eyepiece for connecting to a PC
- Bright LED lighting
- Includes software for image processing
- 40x-1024x magnification
- 10x and 16x eyepieces
- 4x, 10x and 40x objectives
- 230V/AC operating voltage
- WF-10x/WF-16x wide-angle oculars
- 4/10/40x lenses
- 1.6x Barlow zoom-system
- Manufacturer's part **8855000**

System requirements: Windows® 2000/XP/Vista/Seven (for software and driver).

Type	Order code	1+
40-1024x	49-0140	106.64



Optik Biolux USB Microscope with 4x Digital Zoom

This Bresser Optik Biolux USB Microscope with 4x Digital Zoom has been designed so that several people are able to view your findings simultaneously via the high quality 8.9cm (3.5") LCD Monitor.



Manufactured with two LED lighting units, the lighting for this impressive microscope can take place in three ways as you are able to illuminate the object from underneath, above or both. The transmitted light unit is used for transparent preparations (preparations on glass slides), though in order to see solid, non-transparent objects, the top illumination unit option is at hand. The top illumination unit is only useful when using the 4x objective, while the use of both lighting at the same time is only effective with semi-transparent objects. This mode of operation is not recommended for transmitted light objects on slides, as it can lead to reflections on the slides.

Another feature of the Optik Biolux is that you are able to take photos or record your observations as a movie sequence. The device has a memory card slot for SD cards and a USB port. Elsewhere, the magnification is 40-400 fold, while the digital zoom goes up to 1600 times (4 times digital zoom).

Supplied with extensive accessories such as yeast, gum media, sea salt, shrimp eggs, extensive set with cutlery, mikrotome and shrimp breeding arrangement, plus a practical nylon bag.

- 5MP
- 5MP CMOS sensor
- 1600x1200, 800x600 resolution
- JPEG photo formats
- 3gp video formats
- 4x, 10x and 40x lenses
- LED lighting
- USB port and SD card slot
- Mechanical stage with vernier
- USB cable
- Colour-filter glass
- Object holder and coverslip
- Manufacturer's part **5201000**

Type	Order code	1+
4x digital zoom	49-0525	190.45

Dino-Lite Digital Microscope

The Industry Standard

DinoEye Microscope Eyepiece Cameras

A range of eyepiece cameras that add digital camera facilities to optical microscopes.



There are cameras to suit most eyepiece types, including 23, 30 or 30.5mm oculars, a universal type to fit oculars up to 36mm and also cameras that attach to C-mount adaptors for endoscopes, etc.

The included software, compatible with Windows and Mac OS, gives the ability to save images and videos, make time-lapse recordings and perform calibrated measurements.

- Resolution: 1.3MP, 1280 x 1024
- USB connectivity
- Software suitable for Windows 10, 8, 7, Vista, XP, MAC OS 10.4 or later

Technical specification

Order code	19-5884	19-5885	19-5887
Model	AM4023	AM4023X	AM4023U
Connection	USB	USB	USB
Resolution (pixels)	1280 x 1024	1280 x 1024	1280 x 1024
Magnification	72.5x *	72.5x *	7.2 **
Housing	Aluminium	Aluminium	Aluminium
Microtouch	Yes	Yes	Yes
Measurements	Yes	Yes	Yes
Calibration	Yes	Yes	Yes
Compatibility	23mm oculars	23, 30 or 30.5mm	Universal (max. 36mm)

Magnification	Compatibility	Order code	1+
72.5x	23mm	19-5884	168.00
72.5x	23, 30 or 30.5mm	19-5885	213.10
7.2x	Universal=36mm	19-5887	230.23

Dino-Lite Digital Microscope

The Industry Standard

Basic Series USB Digital Hand-Held Microscopes

These microscopes are cost-effective models that are suitable for basic use. There is a choice of models, a 4x LED version suitable for hobbyist and school use and a better spec'd version for basic industrial, scientific and business use. A set of Windows or Mac compatible software is provided that can display and capture, from the microscope, the still image or video output.



- VGA resolution 640 x 480px image
- High speed USB 2.0 interface
- Multiple units can be connected together
- Software suitable for Windows XP, Vista, 7, 8 and recent Mac OS

Technical specification

Order code	19-5879	19-5880
Model	AM2111	AM3113T
Resolution (pixels)	640 x 480	640 x 480
Magnification	10x to 70x + 200x	10x to 70x + 200x
LEDs	4x White	8x White
Switchable LEDs	-	Yes
MicroTouch	-	Yes
Measurement	-	Yes
Calibration	-	Yes
Suitable for	Basic home/hobbyist and education	Basic industrial, scientific and business use

Type	Order code	1+
Microscope 4x LEDs	19-5879	82.54
Microscope 8x LEDs	19-5880	181.59



Pocket Zoom Microscope

A simple, yet robust LED illuminated pocket microscope that allows you to see things under high magnification even in poor light conditions.



- 20x to 40x zoom
- Super bright LED illumination
- Includes a sample slide
- Size: 100 x 80 x 30mm

Takes 3x LR44 button cell batteries, included.

Type	Order code	1+
Pocket microscope	06-7089	7.72



Microscope Slides Frosted One End

Pre-washed microscope slides from Academy, frosted at one end on either one or both sides.

- Slides have 45° ground edges
- Supplied with internal cellophane wrapping and easy-to-open tear strip
- Dimensions 76 x 26mm
- Thickness 1 to 1.2mm
- Supplied in packs of 50



Technical specification

Order code	Frosted sides	Size	Quantity	Mfrs part no.
52-1079	1	76 x 26mm	50	N/A142
52-1081	2	76 x 26mm	50	N/A143

Type	Order code	1+
One-sided	52-1079	1.88
Two-sided	52-1081	1.75



D10001 Plain Slides with Cut Edges

Standard sized, clear, pre-washed glass microscope slides from Medline, supplied in vacuum sealed packs of 50. These low-cost, standard slides have normal 90° edges and are ideal for routine microscopic analysis.



- Standard size: 25.6 x 75.6mm (±0.2mm)
- Clear, pre-washed glass
- Thickness: 1.05 ± 0.05mm
- 90° edges
- Supplied in vacuum sealed packs of 50
- Medline type **D10001**

Type	Order code	1+
Standard slides (50)	52-0277	1.60



D10222 Microscope Coverslips 22 x 22mm

These Medline coverslips are ideal for protecting microscopic samples and help keep the microscope lenses clean in case of accidental touching. They are made from pre-washed glass and are thickness



No. 1: 0.13 to 0.16mm. Medline coverslips are supplied in packs of 200 in vacuum sealed packets.

- 22 x 22mm
- 0.13 to 0.16mm thick
- Clear, pre-washed glass
- Supplied in vacuum packs of 200
- **Medline type D102222**

Type	Order code	1+
Coverslips (200)	52-0283	8.09

500325

medline
SCIENTIFIC LIMITED

19276B Plastic Box for 25 Slides

These economical microscope slide storage boxes from Medline are the ideal way to store up to 25 standard sized microscope slides. They are made from beige ABS plastic and have numbered sheets for identifying each slide.



- Holds up to 25 standard slides
- Box dimensions 93 x 87 x 32mm
- **Medline type 19276.B**

Type	Order code	1+
25 slide box	52-0269	2.36

500323

eisco
TEACH & BETTER, LEARN

Microslides - Sets of 10



These Eisco micro-slides are strips of 8 subject-related 35mm photo-micrograph images of real slides photographed through a microscope.

- Wide range of topics
- Film strips are mounted in a clear plastic folder, for excellent protection
- Supplied in **packs of 10 strips** containing the same 8 images

Type	Order code	1+
Cells of your body	52-3394	35.70
Digestive	52-3395	25.39
Circulatory system	52-3396	29.71
Nervous system	52-3397	24.46
Respiratory system	52-3398	26.78
Human blood system	52-3399	21.66

56567

eisco
TEACH & BETTER, LEARN

Prepared Slides - Sets of 12

Sets of 12 prepared microscope slides featuring bacteria or an assortment of specimens, ideal for beginners.



- Supplied as **boxed sets of 12 prepared slides**

Type	Order code	1+
Bacteria slides (12)	52-3435	6.86
Beginners slides (12)	52-3473	5.74

56585

CELESTRON
CELESTRON GLOBAL LIMITED

Prepared Microscope Slides

These **3D specimen kits** from Celestron are a quality collection of insect, plant and animal specimen slides, ideal for assisting students in school projects and research. The glass slides come in a beautifully presented wooden case for storage and protection, while each of the slides has a descriptive label.



- Supplied in **25 pieces**
- Ideal for any classroom or science lab
- Supplied in a protective case

Pieces	Order code	3+
25	52-9671	14.15

561801

INVICTA
MAGNIFYING SET

Large Magnifying Set

The Invicta Large Magnifying Set is ideal for inspecting specimens from nature trips. The base of the pot has a millimetre grid enabling the actual size of specimens to be easily recorded. The included stands turn the magnifier into an excellent free-standing desk-top magnifier.



- Ideal for inspecting specimens from nature trips
- Millimetre grid on base of pot for measurement of specimens
- Can also be used as a free-standing desk-top magnifier (stands included)
- Lens magnification: x 2.3
- Size: 10cm x 11cm
- Complete with product guide
- Content not included

Type	Order code	1+
Large Magnifier	52-3115	10.30

517034

Rapid

Large Magnifier Sheet

A magical sheet of plastic less than half a millimetre thick which acts as a magnifier with good resolution. This Magnifier sheet is low cost, easy to use and store, and gives between 2 and 3 times magnification.



Ideal for use in the classroom to investigate in detail object from nature, maps, graphs or to assist visually impaired students with day-to-day classroom activities.

This magnifier sheet is also perfect to use for reading the small print in newspaper or books, to read historical documents whilst investigating family history, or when working with small and detailed diagrams or cross stitch patterns.

- Viewing Area: 225 x 145mm

Type	Order code	1+
Large sheet magnifier	06-8430	3.43

121874

Rapid

Hand Lens



These durable high-quality magnifying glasses offer dual magnification - 3x and 6x.

- Diameter 45mm
- Supplied in **pack of 10**

Type	Order code	1+
Pack of 10	06-9959	6.91

563490

Rapid

Folding Pocket Magnifier with 10x Magnification

This small, pocket magnifying glass has a chrome surround and a chrome swivel cover.

- 10x magnification
- 21mm diameter glass lens
- Dimensions 33 x 24 x 24mm
- Weight 80g
- Supplied complete with plastic case



Type	Order code	1+
Pocket 10x magnifier	52-9015	3.24

526150

Rapid

Jewellers Eye Glass

A watchmaker's eye glass with a plastic lens in a black ABS housing.

- 3½ x magnification
- Focal length 90mm



Type	Order code	1+	10+	25+
Eye glass	86-3200	2.13	1.78	1.50

066787

BRESSER

Optik Junior 6 x 21mm Binoculars

These Bresser Optik Junior 6 x 21mm Binoculars have been specially designed for children, courtesy of the large view field and magnification, allowing a fatigue-free observation for youngsters. Manufactured with fully tempered glass finish and equipped with a roof prism system, BK-7 glass material with full tempering and short focus from 5m, these binoculars are an ideal first pair for any child. Includes a strap, pouch and user manual.



- Compact dimensions suitable for children
- Conspicuous colouring
- Blue-green colour
- 145 x 100 x 55mm (L x W x H)
- 120m/1000m field of vision
- 21mm lens diameter
- 6x magnification
- 180g weight
- Manufacturer's part **8810621**

Type	Order code	1+
6 x 21mm binoculars	49-0171	19.98

538311

Leica

MICROSYSTEMS



DM300 Achromatic Student Binocular Microscopes 1000x

For more advanced students of biology or life sciences, these Leica DM300 series compound microscopes are compact, maintenance-free and easy to use.

Order code
64-1925

£709.69

Order code
64-1547

35x

£910.87

Order code
64-1548

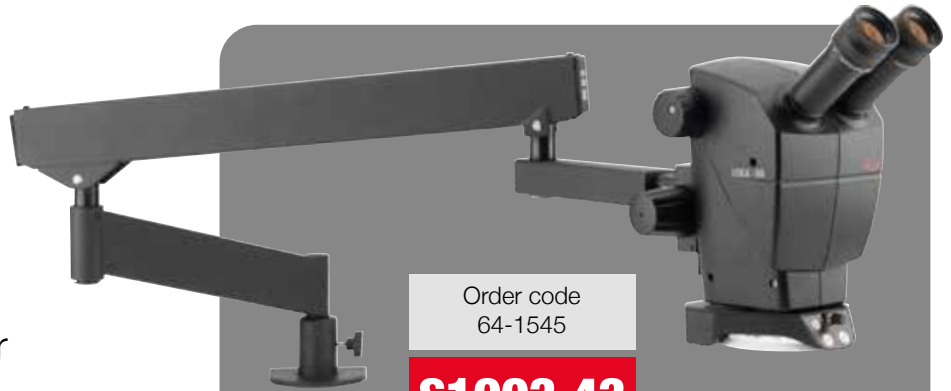
56x

£924.35



EZ4 35x and 56x Educational Stereo Microscopes

These Leica EZ4 educational stereo microscopes with 4.4:1 zoom are ideal for entry-level university and college courses such as biology, anatomy and chemistry.



Order code
64-1545

£1993.43

A60 F Stereo Microscope with Flex Arm 30x



Order code
64-1546

£1839.04

A60 S Stereo Microscope with Swing Arm 30x

The Leica A60 S and A60 F stereo microscope systems with swing arm stand or flex arm are configured for all educational, industrial inspection, assembly and quality control tasks.

Compared to conventional stereo microscopes, the Leica A60 S and A60 F give you 100% more depth of field. The energy-saving LED illuminator makes lamp replacement unnecessary, lowers operating costs and protects your eyes with the diffuser.

For full details visit www.rapidonline.com