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Prices exclude VAT and delivery.

INSPIRATIONS

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*Energy
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storage
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p27**

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*Ergonomic and
cost-effective
Magnum
binocular
microscope.*

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*Economical
and stackable
ISS-7100
incubator
shaker.*

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p41**

These offers are valid until 31st August 2023. Standard T&Cs apply. Prices exclude VAT and delivery, and are only valid in the UK. List prices are subject to change. E&OE
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Inspired Solutions for Academia

Welcome to our 2023 edition of INSPIRATIONS

Save up to
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Special pricing available
until 31st August 2023.

Prices exclude VAT, delivery and
installation.

Save up to 75% on essential equipment and consumables! You'll find great offers on premium brands and cost-effective solutions to help your budget go further, plus big savings on bench top equipment.

With the help of our supplier partners, we've highlighted in green products with sustainable qualities.

Please contact your **Regional Account Manager** to discuss your requirements and to request a quotation.

ORDER BY: 31st August 2023



See
p25

**Refrigeration
Service
Solutions**



See
p46

**Genlab e³
Drying
Cabinets**



See
p4

**Pettecheck
Pipette Service
and
Calibration**



See
p7

**Refill
Tips**

Brand accu-jet® S Pipette Controllers

Make your work simple, easy and efficient.

Precise pipetting of large and small volumes is easy due to single-handed control of pipetting speed for fast, powerful aspiration, accurate meniscus setting, or precise dispensing of small volumes.

Designed to make routine service tasks such as membrane filter replacement, adapter change, or battery replacement simple and easy.

Choose between gravity-delivery (for pipettes calibrated “to deliver”) or powered blow-out delivery (for pipettes calibrated “to contain”).

Packaging contains more than 90% recycled material, and manufacturing is powered from renewable sources.

- Single-handed control of pipetting speed
- Up to 8 hours of continuous pipetting without recharging
- Valve system protects against corrosion
- Ergonomic handgrip and perfectly balanced design

For glass and plastic pipettes from 0.1 to 200 ml.



Cat. No.	Product Description	Quantity	List Price	Promo Price
26350	accu-jet® S, Anthracite	1	£413.00	£295.00
26351	accu-jet® S, Berry	1	£413.00	£295.00
26352	accu-jet® S, Petrol	1	£413.00	£295.00
26353	accu-jet® S, Amethyst	1	£413.00	£295.00

Visit www.elkaylabs.com for full specifications. Supplied with Universal AC Adapter (100-240 V/50-60 Hz).

ABDOS Elegant Micropipettes

Ultra light weight, fully autoclavable micropipettes. Require low pipetting force, with soft volume adjustment and piston movement resulting in effortless pipetting.

- Light weight with smooth volume adjustment
- High accuracy and precision*
- Volume lock and 4 digit display
- Chemical and UV resistant body

Fully autoclavable!



Cat. No.	Product Description	Increments	Quantity	List Price	Promo Price
E11150	0.1 - 2.5 µl	0.002 µl	1	£199.32	£99.00
E11151	0.5 - 10 µl	0.01 µl	1	£199.32	£99.00
E11152	2 - 20 µl	0.02 µl	1	£199.32	£99.00
E11153	10 - 100 µl	0.1 µl	1	£199.32	£99.00
E11154	20 - 200 µl	0.2 µl	1	£199.32	£99.00
E11155	30 - 300 µl	0.2 µl	1	£199.32	£99.00
E11156	100 - 1000 µl	1 µl	1	£199.32	£99.00
E11157	1000 - 5000 µl	5 µl	1	£199.32	£99.00
E11158	2000 - 10000 µl	10 µl	1	£199.32	£99.00

Visit www.elkaylabs.com for full specifications. Supplied with individual test certificate and calibrated in accordance with ISO8655.

*Accuracy and precision data available on request.



Brand Transferpette® S Pipettes, Adjustable Volume, Single Channel

A slim grip fits comfortably and securely in any hand—right, left, big or small. The Transferpette® S is lightweight and balanced, with short operating paths for comfort, even in extended pipetting sessions.

- Efficient one-hand operation
- Flexible ergonomic design for right or left hand pipetting
- Reliable volume change protection prevents accidental adjustments
- Universal tip cone
- Completely autoclavable at 121 °C
- Colour-coded accents for simple pipette and tip selection
- Easy mounting and ejection of tips with O-rings on multi-channel pipettes
- 3-year warranty



Robust reliability from Brand.

Starter Packs and multi-channel versions also available.

Cat. No.	Product Description	Quantity	List Price	Promo Price
Transferpette® S Single-channel				
705868	0.1 - 1 µl	1	£226.43	£175.00
705869	0.1 - 2.5 µl	1	£226.43	£175.00
705870	0.5 - 10 µl	1	£226.43	£175.00
705872	2 - 20 µl	1	£226.43	£175.00
705873	5 - 50 µl	1	£226.43	£175.00
705874	10 - 100 µl	1	£226.43	£175.00
705878	20 - 200 µl	1	£226.43	£175.00
705880	100 - 1000 µl	1	£226.43	£175.00
705882	500 - 5000 µl	1	£226.43	£175.00
705884	1000 - 10000 µl	1	£226.43	£175.00

Visit www.elkaylabs.com for full specifications.



Elkay Pettecheck Pipette Service and Calibration

Single or multi-channel, mechanical or electronic, controllers or repeat dispensers—Elkay can service and calibrate all types, makes, and models.

- **£20.54 for a single channel, and £35.28 for a multi-channel pipette INCLUDING SPARE PARTS!***
- ISO-8655 compliant calibration or UKAS Service
- All pipettes are dismantled, cleaned inside and outside, functional tested and leak tested
- Onsite (Your lab)—Fastest turnaround on the day
- Offsite (Our lab)—5-7 day guaranteed turnaround on all pipettes

*Spare parts free up to a value of £150 for single channel, £350 for an 8-channel, and £450 for a 12 channel.

ISO Compliant

For more information or to request a quotation, please contact us.

Dispensette® S / Dispensette® S Organic Bottle-top Dispensers, Analogue, Adjustable

Whether you are dispensing solvents, acids, alkalis, or saline solutions—the Dispensette® S bottle-top dispenser makes it easy, safe, and efficient.

With numerous accessories available, the Dispensette® S offers efficient solutions for special applications such as long series, sterile applications, and moisture-sensitive media.

Features: Rapid and safe volume setting with new internal scalloped track. Simple calibration adjustment with a supplied tool.

- Simple: Wide range of applications for organic solvents, acids, alkalis, and saline solutions
- Easy: Minimum operating forces, maximum comfort
- Efficient: Reliable in challenging continuous operation and with aggressive media

Dispensette® S Organic (yellow colour-code): Ideal for dispensing organic solvents, including chlorinated and fluorinated hydrocarbons (e.g., trichlorofluoroethane and dichlormethane), acids like concentrated HCl and HNO₃ (except HF), trifluoroacetic acid (TFA), tetrahydrofuran (THF), and peroxides.

Suitable for a wide range of media and applications.

The dispensers below come without a recirculating valve.

Models with recirculating valve also available.

Please contact us for more information.



Robust and reliable

Cat. No.	Capacity	Sub-divisions	Accuracy	Coefficient of variation	List Price	Promo Price
Dispensette® S, Analogue-adjustable						
4600100	0.1 - 1 ml	0.02 ml	≤±0.5% / 5 µl	≤±0.1% / 2 µl	£293.04	£259.00
4600120	0.2 - 2 ml	0.05 ml	≤±0.5 / 10 µl	≤±0.1% / 2 µl	£293.04	£259.00
4600130	0.5 - 5 ml	0.1 ml	≤±0.5 / 25 µl	≤±0.1% / 5 µl	£293.04	£259.00
4600140	1 - 10 ml	0.2 ml	≤±0.5 / 50 µl	≤±0.1% / 10 µl	£293.04	£259.00
4600150	2.5 - 25 ml	0.5 ml	≤±0.5 / 125 µl	≤±0.1% / 25 µl	£383.22	£335.00
4600160	5 - 50 ml	1.0 ml	≤±0.5 / 250 µl	≤±0.1% / 50 µl	£421.22	£369.00
4600170	10 - 100 ml	1.0 ml	≤±0.5 / 500 µl	≤±0.1% / 100 µl	£567.17	£499.00
Dispensette® S Organic, Analogue-adjustable						
4630130	0.5 - 5 ml	0.1 ml	≤±0.5 / 25 µl	≤±0.1% / 5 µl	£293.04	£259.00
4630140	1 - 10 ml	0.2 ml	≤±0.5 / 50 µl	≤±0.1% / 10 µl	£293.04	£259.00
4630150	2.5 - 25 ml	0.5 ml	≤±0.5 / 125 µl	≤±0.1% / 25 µl	£383.22	£335.00
4630160	5 - 50 ml	1.0 ml	≤±0.5 / 250 µl	≤±0.1% / 50 µl	£421.22	£369.00
4630170	10 - 100 ml	1.0 ml	≤±0.5 / 500 µl	≤±0.1% / 100 µl	£567.17	£499.00

Calibrated to deliver (TD, Ex). Error limits according to the nominal capacity (= maximum volume) indicated on the instrument, obtained with instrument and distilled water at equilibrium with ambient temperature at 20 °C, and with smooth, steady operation. The error limits are well within the limits of DIN EN ISO 8655-5. DE-M marking.



Elkay Low Binding Filter Tips

Elkay filter (or barrier) pipette tips protect in two ways: By guarding the tip cone from aerosol contamination and by protecting the sample in the tip from contaminated pipettes. Low binding plastics create a hydrophobic surface on the inner wall which minimises sample binding.

- Manufactured from premium-grade virgin polypropylene
- RNase, DNase, DNA and Pyrogen free; ideal for PCR application



Accurate and precise.

Cat. No.	Product Description	Packed	List Price	Promo Price
AER-7REF-S96	200 µl (20-200 µl) Filter Pipette Tip, Natural, Racked	960	£80.00	£49.91

Visit www.elkaylabs.com for full specifications.

Elkay Filter Tips

- Universal fit
- RNase, DNase, DNA and Pyrogen free; ideal for PCR application



G2 reinforced racks with hinged lid optimised for multi-channel use.

Cat. No.	Product Description	Packed	List Price	Promo Price
BER-STE1-A18	1000 µl Filter Pipette Tip, Natural, Racked Moulded Graduation at 500 µl and 1000 µl	10 x 100	£69.00	£24.46
BER-STE9-A18	1250 µl Filter Pipette Tip, Natural, Racked Moulded Graduation at 50/100/200/500 µl	10 x 96	£90.00	£55.71

Visit www.elkaylabs.com for full specifications.

Elkay Pipette Tips, Polypropylene

Standard pipette tips designed to fit and function on a wide variety of single or multichannel pipettors. Tips require minimal force for loading and tip ejection. Manufactured from premium-grade polypropylene.



Extended tips: With reference lines.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
RES-UPEX-010	10 µl Pipette Tip, Extended Length, Natural, Bulk Pack (Bag)	NS	1000	£30.00	£17.92
RES-UPEX-096	10 µl Pipette Tip, Extended Length, Natural, Racked	NS	10 x 96	£50.00	£30.98

Visit www.elkaylabs.com for full specifications.

Elkay Pipette Tips, Polypropylene, continued

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
RES-UPIP-010	10 µl Pipette Tip, Extended Length, Natural, Bulk Pack (Bag), DNase and RNase-free	NS	1000	£18.00	£9.47
RES-UPIP-096	10 µl Pipette Tip, Extended Length, Natural, Racked. DNase and RNase-free	NS	10 x 96	£35.00	£21.48
STER-018X	1000 µl Pipette Tip, Blue, Individually Wrapped	S	350	£99.00	£67.98

Visit www.elkaylabs.com for full specifications.

ABDOS Pipette Tips and Refill Packs

IVD certified pipette tips designed to fit a wide variety of single and multi-channel pipettors.

Racked tips: Supplied in racks (96 positions). Each rack has a hinged lid and each tip compartment in the rack is isolated to reduce the possibility of cross contamination.

Refills: Nested tip wafers are supplied in cardboard boxes and can be easily snapped into place using reusable, autoclavable racks which may be purchased separately. Refill systems can help reduce overall plastic waste.

- Manufactured from ultra-pure USP class VI certified virgin PP (conforms: to US FDA 21 CFR)
- Certified DNase, RNase, DNA, Endotoxin, Pyrogen, and ATP free. IVD certified



Moulded graduations and universal fit.

Cat. No.	Product Description	Packed	List Price	Promo Price
P10139S	0.1-10 µl Pipette Tips, Extended, Natural, Racked	10 x 96	£40.00	£26.58
P10140S	1-200 µl Pipette Tips, Bevelled, Yellow, Racked	10 x 96	£40.00	£25.10
P10142S	1-300 µl Pipette Tips, Natural, Racked,	10 x 96	£40.00	£29.09
P10155S	100-1000 µl Pipette Tips, Natural, Racked	10 x 96	£45.00	£32.66
P10157S	100-1250 µl Pipette Tips, Natural, Racked	10 x 96	£45.00	£32.66
P10116R	0.1-10 µl Refill Pipette Tips, Extended, Natural, Racked	60 x 96	£175.00	£159.49
P10153R	1-200 µl Refill Pipette Tips, Bevelled, Yellow	50 x 96	£175.00	£93.07
P10154R	1-300 µl Refill Pipette Tips, Natural	50 x 96	£175.00	£111.86
P10176R	100-1000 µl Refill Pipette Tips, Natural	30 x 96	£130.00	£91.24
P10177R	100-1250 µl Refill Pipette Tips, Natural	24 x 96	£104.00	£72.99

Visit www.elkaylabs.com for full specifications.



ABDOS Serological Pipettes, Polystyrene

Individually wrapped sterile culture/serological pipettes in easy to peel apart paper/plastic sleeves. Manufactured from high grade crystal polystyrene with crystal clear graduations for easy reading.

- For accurate and rapid fluid dispensing
- Ascending and descending graduations

Non pyrogenic, DNase, RNase Free and BSE, TSE Free. Non-haemolytic.



Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
P10603	5 ml Culture Pipette, Bulk Pack (Box)	Sterile	200	£49.00	£27.64
P10604	10 ml Culture Pipette, Bulk Pack (Box)	Sterile	200	£52.00	£29.51
P10605	25 ml Culture Pipette, Bulk Pack (Box)	Sterile	200	£98.00	£55.29

Visit www.elkaylabs.com for full specifications.

Elkay Recycling Service

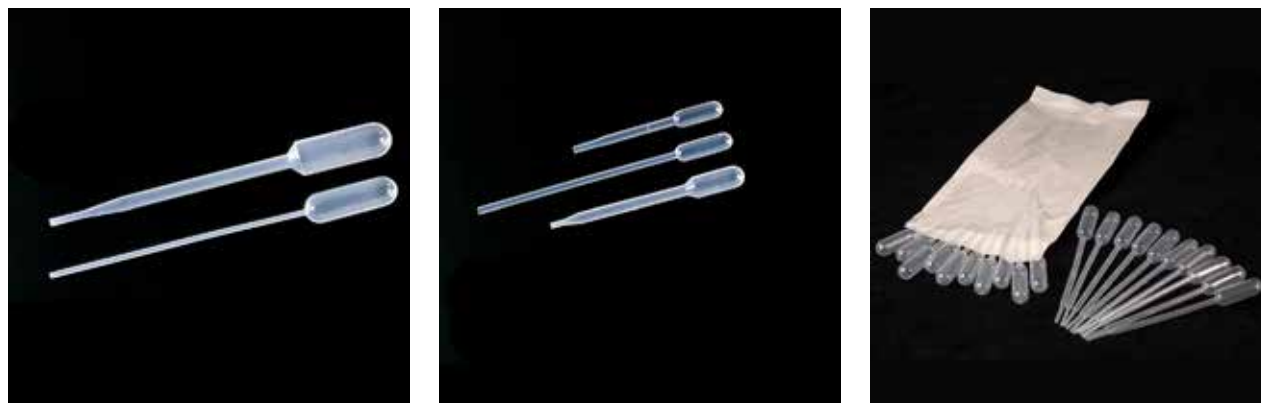
We offer a free recycling service for polypropylene pipette tip racks, lids, and packaging supplied by Elkay.

- Free collection*
- Free bins
- Reliable service

All empty racks must be fully decontaminated and certified as such.
*Minimum quantities in place for collection.

Please contact us to find out more: sales@elkaylabs.co.uk.





Plastic Pasteur Pipettes, PE

Many other sizes and varieties available; please enquire.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
200003	1 ml Pasteur Pipette, Graduated	NS	500	£12.82	£5.00
200004	1 ml Pasteur Pipette, Individually Wrapped, Peel-pack	S	500	£32.61	£14.00
200032R	1 ml Pasteur Pipette, Graduated, Packs of 20	S	500	£59.13	£8.50
210003R	1 ml Micro Fine Tip, Pasteur Pipette	NS	500	£26.00	£12.25
210006	2.5 ml Pasteur Pipette	NS	400	£21.24	£11.17
200006	3 ml Pasteur Pipette, Graduated	NS	500	£12.82	£5.32
200007	3 ml Pasteur Pipette, Individually Wrapped, Peel-pack	S	500	£32.61	£14.00
200062R	3 ml Pasteur Pipette, Graduated, Packs of 20	S	500	£59.13	£8.50
210002	3 ml Fine Tip, Pasteur Pipette	NS	500	£26.15	£13.33
210022	3 ml Fine Tip, Pasteur Pipette, Individually Wrapped	S	500	£60.64	£31.02
200050C	5 ml Pasteur Pipette, Graduated	NS	400	£52.22	£36.88
210222	5 ml Fine Tip, Pasteur Pipette, Packs of 20	S	500	£110.63	£16.65
200060	7 ml Pasteur Pipette, Jumbo	NS	100	£27.48	£7.98

Visit www.medlinescientific.com for full specifications.

KD Scientific Liquid Handling Solutions

We can now offer the complete range of liquid handling products from KD Scientific. Products include:



- Syringe pumps
- Peristaltic pumps
- Evaporators
- Liquid handling solutions

**Please contact us to discuss your applications:
enquiries@medlinescientific.com.**



A&D HR-AZ Compact Analytical Balances

Entry-level balances with a shatterproof, anti-static draft shield. The rotary doors give HR-AZ balances a small footprint and the reverse backlit LCD display provides easy to read weighing results.

- Response time of approx. 2 seconds
- Shock absorber function
- Robust construction, strong protection against dust and water
- Built-in internal calibration at the touch of a button
- Statistical calculation function
- Standard RS-232C
- Easily removable large breeze break



4-year warranty!

Energy saving auto power ON/OFF function.

Other models are available in this range. Please enquire.

Model	HR-100AZ	HR-250AZ
Capacity (g)	102	252
Resolution (mg)	0.1	0.1
Pan size (mm)	ø90	ø90
Cat. No.	ADHR-100AZ	ADHR-250AZ
List Price	£1,170.00	£1,476.00
Promo Price	£836.00	£1,054.00

Options include: Built-in rechargeable NiMH battery pack; quick USB interface (no driver installation required); LAN-Ethernet interface with WinCT-Plus software; balance cover; density measurement kit.

A&D BM Micro Balances

Perform sensitive measurements with simplicity and accuracy. Whether you're working in a laboratory or conducting research, this micro-balance is designed to meet your needs and exceed your expectations.

- Internal calibration with auto-self calibration feature to adjust for temperature variations, ensuring consistent measurements
- Standard RS232C allows for easy system integration
- Anti-static breeze break
- Large weighing chamber for improved usability



5-year warranty!

Built-in ioniser to eliminate errors due to static electricity

Other models are available in this range. Please enquire.

Model	BM-20	BM-252
Capacity (g)	22	252
Readability (mg)	0.001	0.01
Pan size (mm)	ø25	ø90
Cat. No.	ADBM-20	ADBM-252
List Price	£12,070.00	£5,811.00
Promo Price	£8,621.00	£4,151.00

Options include: Anti-vibration table; ethernet interface with WinCT-Plus software; pipette testing kit; footswitch etc.

Ohaus Explorer™ 255D/AD Semi-micro Balance

Designed to ensure weighing results are accurate. Includes numerous weighing applications and additional library for storing personal settings. Modular design means the base and display can be separated.

- Full-colour VGA graphic touchscreen display
- Four-level user management with password protection
- AutoCal™ fully automatic internal calibration
- Fast stabilisation time
- 3-door frameless draftshield with automatic door
- Built in ioniser
- Data output according to GMP/GLP with real-time clock
- Two USB ports and one RS-232



Exceptional accuracy and durability.

Other models are available in this range. Please enquire.

Model	EX225D/AD
Capacity (g)	120/220
Resolution (mg)	0.01/0.1
Pan size (mm)	ø80
Cat. No.	4AJ-6268204
List Price	£7,695.55
Promo Price	£7,300.00

Please contact enquiries@medlinescientific.com for full specifications. Options include: Additional RS232 or Ethernet port; printer; and density kit.

Hanna Instruments HI-6221 Research pH/ORP Bench Meter

Compact bench meter with a large touch screen display and integrated pH / ORP measurement module. Measures pH/mV (pH) or mV/Rel. mV (ORP) with temperature. USB and ethernet connectivity.

- Logging: Manual, automatic, autohold. Up to 1,000,000 data points
- Large 7" LCD display with capacitive touch keys and five different views
- Other features include: Measurement stability indicator; custom users; GLP data; log history; and graph view



Conductivity and DO versions also available.

Cat. No.	Product Description	List Price	Promo Price
HANHI-6221	HI-6221 pH/ORP Meter with HI-1131B Glass Body, Refillable, Double Junction Combination pH Electrode and HI-7662-TW Temperature Probe	£907.50	£749.00

Visit www.medlinescientific.com for full specifications.

Supplied with: HI-1131B pH electrode; HI-7662-TW temperature probe; pH calibration starter kit consisting of: pH 4.01 buffer solution sachet (x2); pH 7.01 buffer solution sachet (x4); pH 10.01 buffer solution sachet (x2); HI-700601 electrode cleaning solution sachet (x2); HI-7082 3.5M KCl electrolyte solution (30 ml); HI764060 electrode holder; capillary pipette; 24 VDC power adapter; USB-C to USB-A cable; quick reference guide with instrument quality certificate.



Hanna Instruments edge® Single Parameter Meters

Choose from hand held, wall mounted or bench top operation, or switch between all three! Built-in rechargeable battery. Standard and micro USB.

- Log-on demand and interval logging
- Large 140 mm LCD display with capacitive touch keys
- GLP data: Records date, time, offset, and more

HI-2002 edge® pH

Programmed for basic and advanced modes with pH, mV pH and ORP reading modes.

- pH range: -2.00 to 16.00; mV range: ±1000 mV

HI-2004 edge® DO

- DO range: 0.00 to 45.00 ppm (mg/L); 0.0 to 300.0 % saturation

HI-2003 edge® Conductivity/TDS

- 0.00 to 29.99 µS/cm; 30.0 to 299.9 µS/cm; 300 to 2999 µS/cm; 3.00 to 29.99 mS/cm; 30.0 to 200.0 mS/cm; up to 500.0 mS/cm absolute EC



Cat. No.	Product Description	List Price	Promo Price
HANHI-2002	HI-2002 edge® pH Meter with HI-11310 Glass Body Refillable pH Electrode*	£473.70	£390.00
HANHI-2004	HI-2004 edge® DO Meter with HI-764080 Dissolved Oxygen Electrode**	£648.80	£535.00
HANHI-2003	HI-2003 edge® Conductivity Meter with HI-763100 Conductivity Probe***	£648.80	£535.00

Visit www.medlinescientific.com for full specifications.

All meters are supplied with bench-top stand; electrode holder; bracket for wall-mount; USB cable; power adaptor; instruction manual.

*Supplied with: HI-11310 digital pH electrode with integrated temperature sensor; sachets of pH 4.01, 7.01, 10.01 buffer solutions; sachet of electrode cleaning solution.

**Supplied with: HI-764080 dissolved oxygen electrode, HI7041S refill electrolyte solution, DO membrane caps, o-rings.

*** Supplied with: HI-763100 conductivity probe; sachets of 1413, 12880, 5000 µS/cm conductivity standard; electrode rinse solution sachets.

Hanna Instruments HI-2020 edge® pH Multi-Parameter Meter

The HI-2020 edge® shares the same features and benefits as the single parameter meters listed above. However, it measures pH, conductivity, and dissolved oxygen through its digital electrodes.

Supplied with pH kit. EC and DO kits available to order separately.

- pH range: -2.00 to 16.00; accuracy; mV range: ±1000 mV



Cat. No.	Product Description	List Price	Promo Price
HANHI-2020	HI-2020 edge® Multi-parameter Meter with pH Kit	£547.95	£455.00

Visit www.medlinescientific.com for full specifications.

See pages 18 and 19 for pH buffers and conductivity standards

Hanna Instruments HALO2 pH Testers

Easy to use and durable with integrated Bluetooth module: Tester can be connected to a compatible smart device with the Hanna Lab App.

- Stand alone pH meter or connected via Hanna Lab App
- Compact, waterproof casing (IP65)
- Automatically temperature compensated readings

Use of the Hanna Lab App converts the HALO2 into a fully-featured pH system, complete with graphs, GLP conformity, data logging, results sharing, and more (wireless technology: 10 m range).

HI-9810422 HALO2 Wireless Refillable pH Tester for Field

Ideal for field measurements with built-in specialised electrode and temperature sensor. Maintenance free design.

HI-9810402 HALO2 Wireless Refillable pH Tester for Lab

Ideal for measurements in samples that would be a challenge for standard design pH electrodes. Refillable, double junction design.

HI-9810302 HALO2 Wireless Refillable pH Tester for Soil

Ideal for agricultural, hydroponics, and greenhouse growers that need to monitor the pH of soil or soil slurries. Built-in specialised electrode.



Cat. No.	Product Description	List Price	Promo Price
HANHI-9810422	HI-9810422 HALO2 pH Tester for Field*	£149.00	£125.00
HANHI-9810402	HI-9810402 HALO2 pH Tester for Lab**	£148.50	£125.00
HANHI-9810302	HI-9810302 HALO2 pH Tester for Soil***	£150.00	£125.00

Visit www.medlinescientific.com for full specifications.

All meters are supplied with 3V Lithium battery (CR2032); instrument quality certificate and manual.

*HI-9810422 is supplied with a starter kit: pH 4.01 buffer solution sachet (x2), pH 7.01 buffer solution sachet (x2), Electrode cleaning solution sachet (x2), Electrode storage solution (dropper bottle).

**HI-9810402 is supplied with a starter kit: pH 4.01 buffer solution sachet (x2), pH 7.01 buffer solution sachet (x2), Electrode cleaning solution sachet (x2), Electrode storage solution (dropper bottle), Electrolyte refill solution (30 ml), Pipette.

*** HI-9810302 is supplied with a starter kit: pH 4.01 buffer solution, (x2), pH 7.01 buffer solution sachet (x2), Cleaning solution for soil deposits sachet (x1), Cleaning solution for humus deposits sachet (x1), Electrode storage solution (dropper bottle), Gelled bridge electrolyte (dropper bottle).

Biochrom WPA CO7500 Colorimeter

Great value for money. Designed for use in educational institutes such as schools and colleges.

Accepts either standard or semi micro 10 mm pathlength cuvettes or 16 mm diameter test tubes. Adapters for 10/12 mm test tubes available.

- Single beam filter based: 440-680 nm
- Rugged, portable and easy to use
- Absorbance, %Transmission and simple kinetic measurements



Cat. No.	Product Description	List Price	Promo Price
BIO80-3000-43	CO7500 Colorwave Colorimeter, Mains Only	£699.00	£568.00
BIO80-3000-44	CO7500B Colorwave Colorimeter Mains Operation and with Rechargeable Batteries	£754.00	£613.00

Visit www.medlinescientific.com for full specifications. Supplied with power adapter and operating manual.



Biochrom WPA CO8000 Cell Density Meter

Ideal for measuring of the density of cells in suspension such as *E.coli*, yeast, cells and other cell cultures.

Accepts a variety of cuvettes and tubes including 10, 12, and 16 mm* diameter test tubes.

- Single beam measures at 600 nm
- Small, portable and easy to use
- Stores 99 results for download**



Cat. No.	Product Description	List Price	Promo Price
BIO80-3000-45	CO800 Cell Density Meter, Mains Operation and with Rechargeable Batteries	£668.00	£543.00

*Adaptors required for 10/12mm tubes. **Spreadsheet interface software required. Visit www.medlinescientific.com for full specifications. Supplied with power adapter and operating manual.

Biochrom BioDrop Micro-volume Spectrophotometers

Rapid, simple and accurate measurement of DNA, RNA, oligo and protein concentration and purity from just 0.5 µl of sample.

Built-in sample port for microvolume measurement, which is easy to use and clean. Bandwidth: 5 nm.

- Robust (no moving parts), accurate, and fast
- Pre-programmed methods for DNA, RNA, Oligos and proteins
- Method creator for flexibility
- Supplied with BioDrop Resolution Life Science PC Software
- Two year warranty



Cat. No.	Product Description	List Price	Promo Price
BIO80-3006-68	BioDrop DUO+ Spectrophotometer with 10 mm Cuvette Holder and 0.5 mm Micro-volume Port	£9,007.00	£7,318.00
BIO80-3006-55	BioDrop µLITE+ Spectrophotometer with 0.5 mm Micro-volume Port	£7,723.00	£6,275.00

21CFR Part 11 compliant software available. Visit www.medlinescientific.com for full specifications. Supplied with power adapter, USB stick, and operating manual.

BTX ECM 399 Electroporator

An economical electroporator; ideal for research and academic labs. The ECM 399 is an exponential decay wave electroporation generator specifically designed to deliver the field strengths and pulse lengths required for the simple transformation of bacteria and yeast cells.

In low voltage mode the ECM 399 has a limited capability for transfecting some mammalian cell lines.

- Gram negative bacteria and plant cells
- High transformation efficiencies
- Compact, easy to use, and cost effective



Cat. No.	Product Description	List Price	Promo Price
BIO45-0000	ECM 399 Electroporation System, Complete, for Cuvettes	£2,903.08	£2,722.00

Visit www.medlinescientific.com for full specifications. System comprises: ECM 399 Generator, PEP, Cuvettes 1 mm, 2 mm, 4 mm, pk 30 (10 each) and Cuvette Rack 660. Other models available for different applications, please enquire.



Biochrom WPA Biowave 3 and 3+ UV-Vis Spectrophotometers

All the benefits and capabilities of a research grade Life Science spectrophotometer with the robust design and reasonable cost that also makes it perfect for students.

Bandwidth: Biowave 3 models: 5 nm; Biowave 3+ models: 3 nm.

- Split beam (RBC): 190-1100 nm
- Pre-programmed methods for DNA, RNA, Oligos, proteins and cell density
- Nucleic acid scans for purity checking
- Low volume capability with Microvolume cuvettes
- Two year warranty (Xenon lamp has a 3 year warranty)

Colour Touch Models:

The 5 inch colour touch screen allows users to distinguish multiple samples by colour on graph overlays, and the zoom and track functions gives the ability to focus on areas of interest. Spectral bandwidth: 3 nm.



Cat. No.	Product Description	List Price	Promo Price
BIO80-3007-32	Biowave 3 Spectrophotometer	£4,705.00	£3,823.00
BIO80-3007-37	Biowave 3+ Spectrophotometer	£5,110.00	£4,152.00
BIO80-3007-57	Biowave 3+ Colour Touch Spectrophotometer	£5,944.00	£4,830.00

Visit www.medlinescientific.com for full specifications.
Supplied with power adapter and operating manual.
All models available with a printer and Bluetooth connectivity; please enquire for ordering information.



Biochrom Ultrospec 7500 UV-Vis Spectrophotometer

Delivers consistent, precise and reliable results. GLP compliant so suitable for use in research environments as well as pharmaceutical and other manufacturing quality control.

- Pre-loaded with many methods
- 21 CFR Part 11-compliant software available
- IQ/OQ/PQ compliance is available

Please contact us for your quotation today:
enquiries@medlinescientific.com.



Olympus, CKX53 Inverted Microscope

Designed from the ground up to be the best microscope for routine inverted microscopic analysis. The combination of excellent optical performance and mechanical quality results in a microscope system of outstanding value and comfort for regular use.

Features such as the pre-centred phase contrast and inversion contrast (IVC) enable users to design their own system, to match their application, with ease.

- Super widefield 10X, FN22 eyepieces
- Integrated phase contrast (iPC) system
- Quintuple nosepiece
- Trinocular with a photo port



With CKX3-SLP slider, pre-centred for all magnifications.

Cat. No.	Product Description	List Price	Promo Price
OLYCKX53	CKX53 Inverted Microscope with 4x, 10x, 20x and 40x LWD Phase Contrast Objectives, LED Illumination	£6,078.00	£5,375.00

Visit www.medlinescientific.com for full specifications.
Other configurations available for brightfield only, and fluorescence.

Ceti Varizoom Binocular Stereo Microscopes

High specification stereoscopic zoom microscopes with a parallel zoom system utilising optics of the premium quality.

Ideal for working with heat-sensitive and biological samples:
Directional episcopic LED lighting from above illuminates the sample effectively without the need for goose neck light guides.
The transmitted LED lighting provides cool illumination from below.

- Super wide-field 10x, FN22 eyepieces for maximum field of view
- Wide magnification zoom range
- Broad flat base provides comfortable working



Save up to 45%

Cat. No.	Product Description	List Price	Promo Price
7700.0006	Varizoom-6 Binocular Stereo Microscope with Zoom Ratio 6:1, 8x to 48x Magnification	£2,628.66	£1,449.00
7700.0008	Varizoom-8 Binocular Stereo Microscope with Zoom Ratio 8:1, 8x to 64x Magnification	£2,906.70	£1,595.00
7700.0000M	Varizoom-10 Binocular Stereo Microscope with Zoom Ratio 10:1, 8x to 80x Magnification	£4,802.37	£2,645.00

Visit www.medlinescientific.com for full specifications.

See page 61 for microscope slides

Ceti Magnum Compound Microscopes

Modern ergonomic features ensure a comfortable viewing position for prolonged use. Ideal for the examination of slide-mounted samples in QC, research, degree teaching, and many industrial applications.

- Widefield 10X, FN20 eyepieces
- LED illumination
- Full Köhler illumination
- Trinocular model include a photo port



Cat. No.	Product Description	List Price	Promo Price
2629.0000M	Magnum Binocular Compound Microscope with 4x, 10x, 40x and 100x Infinity Corrected Plan Achromatic Objectives, LED Illumination	£1,486.20	£815.00
2738.0000M	Magnum Trinocular Compound Microscope with 10x, 20x, 40x and 100x Phase Contrast Objectives, LED Illumination	£2,521.24	£1,385.00

Visit www.medlinescientific.com for full specifications.
Other configurations available for polarisation, epi-fluorescence, and brightfield.

Ceti Steddy Stereo Microscope

Robust construction with a wide zoom range and wide field of view.

Bright, crisp 3D images and a choice of base shape (broad or diamond) to suit different sample sizes and manipulation techniques.

Ideal for use in laboratories and industry, particularly as a QC examination tool.

- Super widefield 10X, FN22 eyepieces
- Dual LED illumination and trinocular head with photo port
- Wide magnification zoom range 3.35 to 180X (with optional eyepieces/lenses)



Save up to 45%

Versatile and robust.

Cat. No.	Product Description	List Price	Promo Price
7500.0000M	Steady-T Trinocular Stereo Microscope with Diamond Base with Zoom Ratio 0.67x – 4.5x	£1,706.11	£935.00

Visit www.medlinescientific.com for full specifications.
Contact us for information on other configurations, including: Broad base models and integrated camera.



LLG Labware Equipment

This range from LLG includes a wide selection of high performing equipment for many applications including centrifuges, shakers, mixers, and spectrophotometers. Complementary accessories available.

- 3-year warranty
- Excellent quality
- Cost effective

Ideal for your teaching lab requirements. Please contact enquiries@medlinescientific.com to find out more.



Reagecon Conductivity Standards

Reagecon offers the widest range available on the market of aqueous standards from 1.3 $\mu\text{S}/\text{cm}$ to 500,000 $\mu\text{S}/\text{cm}$.

ACCURACY

Accurate to $\pm 1\%$ of target value.

QUALITY PRODUCTION

Standards are tested using Accredited test methods to ISO 17025.

FULLY CHARACTERISED TEMPERATURE VALUES

Fully characterised temperature coefficient of variation printed on all product labels.

NON-HAZARDOUS

No shipping, storage or disposal issues.

TRACEABILITY

All directly traceable to N.I.S.T. standard reference materials. These products meet the specification requirements of all the major Pharmacopoeias.

COMPREHENSIVE CERTS OF ANALYSIS

Certificates of Analysis for all batches.



Cat. No.	Product Description	Packed	List Price	Promo Price
Conductivity Standards at 25 °C				
CSKC84	84 $\mu\text{S}/\text{cm}$	500 ml	£39.86	£31.00
CSKCL	1413 $\mu\text{S}/\text{cm}$	500 ml	£39.86	£31.00
CS127805	1278 $\mu\text{S}/\text{cm}$	500 ml	£55.79	£44.00
CSKC12880	12,880 $\mu\text{S}/\text{cm}$	500 ml	£39.86	£31.00
CSKC111800	111,800 $\mu\text{S}/\text{cm}$	500 ml	£39.86	£31.00
CSKCS	147 $\mu\text{S}/\text{cm}$	500 ml	£39.86	£31.00
Premium Conductivity Standards at 25 °C				
CSKC10	10 $\mu\text{S}/\text{cm}$	500 ml	£112.55	£88.00
CSKC100	100 $\mu\text{S}/\text{cm}$	500 ml	£112.55	£88.00
CSKC1000	1000 $\mu\text{S}/\text{cm}$	500 ml	£112.55	£88.00
CSKC100M	100,000 $\mu\text{S}/\text{cm}$	500 ml	£112.55	£88.00
CSKC10M	10,000 $\mu\text{S}/\text{cm}$	500 ml	£112.55	£88.00
CSKC20	20 $\mu\text{S}/\text{cm}$	500 ml	£112.55	£88.00
CSKC5	5 $\mu\text{S}/\text{cm}$	500 ml	£112.55	£88.00
CSKC500	500 $\mu\text{S}/\text{cm}$	500 ml	£112.55	£88.00
CSKC500M	500,000 $\mu\text{S}/\text{cm}$	500 ml	£112.55	£88.00
CSKC5M	5000 $\mu\text{S}/\text{cm}$	500 ml	£112.55	£88.00
CSKC80M	80,000 $\mu\text{S}/\text{cm}$	500 ml	£112.55	£88.00

Please contact enquiries@medlinescientific.com for full specifications.

Reagecon pH Buffer Solutions

QUALITY PRODUCTION

pH Testing is ISO 17025 Accredited.

Values specified at specific temperatures e.g. 20 °C/25 °C.

Manufactured to exacting specifications with an extended shelf life and stability.

TRACEABILITY

Directly traceable to the IUPAC pH scale by an unbroken chain of traceability. Reagecon achieve this traceability through a series of comparisons, with the key reference materials being Standard Reference Materials (SRMs) manufactured by NIST.

STABILITY

Guaranteed stability throughout entire shelf life, even after opening the bottle, eliminates the requirement to open a fresh bottle of standard every time it is used.

LABELLING

Temperature dependence data is printed on the label as are lot numbers and expiry dates for user convenience.

COA and SDS

Certificates of Analysis and Safety Data Sheets available online.



Cat. No.	Product Description	Packed	List Price	Promo Price
20 °C High Resolution Colour Coded Buffers				
104000C	pH 4.000	500 ml	£26.14	£19.00
107000C	pH 7.000	500 ml	£26.14	£19.00
110000C	pH 10.000	500 ml	£26.14	£19.00
20 °C NIST Values				
101675	pH 1.675	500 ml	£25.86	£18.00
101677	pH 1.677	500 ml	£25.86	£18.00
103788	pH 3.788	500 ml	£25.86	£18.00
104001	pH 4.001	500 ml	£25.86	£18.00
106881	pH 6.881	500 ml	£25.86	£18.00
107429	pH 7.429	500 ml	£25.86	£18.00
109225	pH 9.225	500 ml	£25.86	£18.00
110062	pH 10.062	500 ml	£25.86	£18.00
112627	pH 12.627	500 ml	£25.86	£18.00
25 °C Technical Colour Coded Buffer Solutions				
TB100	pH 10.00	500 ml	£23.16	£16.00
TB200	pH 2.00 in Twin Neck	500 ml	£23.16	£16.00
TB401	pH 4.01	500 ml	£23.16	£16.00
TB460	pH 4.60	500 ml	£23.16	£16.00
TB700	pH 7.00	500 ml	£23.16	£16.00
TB921	pH 9.21	500 ml	£23.16	£16.00

Please contact enquiries@medlinescientific.com for full specifications.



Spectrophotometry Standards

The product range includes:

- Linearity Standards
- Wavelength Standards
- Stray Light Standards
- Bandwidth Standards
- Resolution Standards

Supplied as permanently sealed cuvettes or in ready to use bottles.

Bi-Annual Recertification for all makes of permanently sealed Spectrophotometer cuvettes.

National Institute of Standards and Technology (NIST) Traceable.

Produced with salts sourced directly from NIST where applicable.

Can be used with all UV-VIS Spectrophotometers.

All standards certified at multiple slit widths.

Certified measurement uncertainties.

Certificates of Analysis and Safety Data Sheets available online at www.reagecon.com



Cat. No.	Product Description	Packed	List Price	Promo Price
Bandwidth Standards				
RSPEC00311	Toluene in Hexane Ratio of 268.7 nm Peak to 266.8 nm Trough	100 ml	£136.56	£117.00
RSPEC00531	Blank Ratio of 268.7 nm Peak to 266.8 nm Trough	100 ml	£136.56	£117.00
Linearity Standards (213 and 261 nm)				
RSPEC0052	Blank 0.1M Hydrochloric Acid	1 Cuvette	£254.02	£217.00
RSPEC00521	Blank 0.1M Hydrochloric Acid	100 ml	£136.56	£117.00
Linearity Standards (235, 257, 313 and 350 nm)				
RSPEC0020	Potassium Dichromate Absorbance/ Transmission (Linearity) Standard 50 mg/L with Blank	1 Cuvette & Blank	£763.26	£652.00
RSPEC00201	Potassium Dichromate Absorbance/ Transmission (Linearity) Standard 50 mg/L	100 ml	£136.56	£117.00
RSPEC0022	Potassium Dichromate Absorbance/ Transmission (Linearity) Standard 20 mg/L with Blank	1 Cuvette & Blank	£763.26	£652.00
RSPEC00221	Potassium Dichromate Absorbance/ Transmission (Linearity) Standard 20 mg/L	100 ml	£252.63	£216.00
RSPEC0023	Potassium Dichromate Absorbance/ Transmission (Linearity) Standard 40 mg/L with Blank	1 Cuvette & Blank	£763.26	£652.00
RSPEC00231	Potassium Dichromate Absorbance/ Transmission (Linearity) Standard 40 mg/L	100 ml	£136.56	£117.00
RSPEC0024	Potassium Dichromate Absorbance/ Transmission (Linearity) Standard 60 mg/L with Blank	1 Cuvette & Blank	£763.26	£652.00

Please contact enquiries@medlinescientific.com for full specifications.

Spectrophotometry Standards, continued



Cat. No.	Product Description	Packed	List Price	Promo Price
Linearity Standards (235, 257, 313 and 350 nm)				
RSPEC00241	Potassium Dichromate Absorbance/ Transmission (Linearity) Standard 60 mg/L	100 ml	£252.63	£216.00
RSPEC0025	Potassium Dichromate Absorbance/ Transmission (Linearity) Standard 80 mg/L with Blank	1 Cuvette & Blank	£763.26	£652.00
RSPEC00251	Potassium Dichromate Absorbance/ Transmission (Linearity) Standard 80 mg/L	100 ml	£136.56	£117.00
RSPEC0026	Potassium Dichromate Absorbance/ Transmission (Linearity) Standard 100 mg/L with Blank	1 Cuvette & Blank	£763.26	£652.00
RSPEC00261	Potassium Dichromate Absorbance/ Transmission (Linearity) Standard 100 mg/L	100 ml	£136.56	£117.00
RSPEC0051	Blank 0.001M Perchloric Acid	1 Cuvette	£245.02	£216.00
RSPEC00511	Blank 0.001M Perchloric Acid	100 ml	£252.63	£217.00

Please contact enquiries@medlinescientific.com for full specifications.

See pages 14 and 15 for spectrophotometers



Sample Request Service

Our sample request service allows you to trial lab consumables* before purchasing:

- Ideal for labs undertaking validations or verification
- Trial products before switching
- Simply send us your name and address

To request your free sample email samples@medlinescientific.com and we'll arrange the rest.

*Please note; not all products are available as samples.



Jeio Tech Electrophoresis Systems

Constructed from moulded polycarbonate, the system provides good shock-resistance, transparency, and durability.

UV-transparent gel trays allow for viewing bands on the UV-transilluminator without removing gel tray.

Systems comprise: Tank, lid, electrode, power cord. Supplied with gel caster (x1); gel tray(s), and combs.

EP-05 system with buffer capacity of 0.5 L. Comprises: gel trays 82x81 mm (x1) and 82x58 mm (x2) with one comb position. Supplied with double-sided comb: 1 mm thick 27-and 40-well (x1).

EP-10 system with buffer capacity of 1.0 L. Comprises: gel trays 181x103 mm (x2) with max. four comb positions. Supplied with double-sided combs: See website for full scope of supply.

EP-18 system with buffer capacity of 1.8 L. Comprises: gel tray 181x206 mm (x1) with max. six comb positions. Supplied with double-sided combs: See website for full scope of supply. Suitable for sample screening up to 186 samples at once using 6 combs in EP-18 gel tray.

See page 66 for protein stain and and Western blot substrates.



Save up to 50%

Cat. No.	Product Description	List Price	Promo Price
AAAJ6011	EP-05 Electrophoresis System	£396.76	£225.00
AAAJ6021	EP-10 Electrophoresis System	£611.65	£305.00
AAAJ6031	EP-18 Electrophoresis System	£677.77	£349.00

Visit www.medlinescientific.com for full specifications.

Jeio Tech EPS-300 Electrophoresis Power Supply

The EPS-300 has four sets of output terminals to accommodate four electrophoresis devices simultaneously. Suitable for electrophoresis of nucleic acid and protein, and western blotting process.

- Space-efficient and stackable design
- Output: Constant voltage, constant current
- Two line LED display
- RS232 port



Cat. No.	Product Description	List Price	Promo Price
AAAJ6541	EPS-300 Electrophoresis Power Supply	£1,454.74	£665.00

Visit www.medlinescientific.com for full specifications.

See page 64 to 66 for Protein Ark stains and reagents



Calibration and Validation from TechniVal

TechniVal specialises in onsite calibration of an extensive range of laboratory and production equipment across the pharmaceutical, biotechnology and healthcare sectors.

Our calibration services are:

- Performed in line with manufacturer's recommendations and various regulatory standards
- Executed following standard operating procedure with certification issued
- Undertaken by trained engineers

Capabilities:

- On-site calibration
- Laboratory and test equipment
- Single point verification
- Multi point calibration

From ovens, autoclaves and freezers to centrifuges and balances, we cover a wide range of equipment.

Visit www.technival.co.uk for further information.

Our validation services:

All services are performed in line with the following regulatory standards.

- GMP and GLP guidelines (MHRA/FDA)
- Blood Safety and Quality Regulations (No. 50) 2005
- EN285
- ISO 14644
- FDA21 CFR Pt11
- European Blood Directive – (2002/98/EC)

Our engineers use only certified test equipment, which is fully calibrated prior to use.

Capabilities:

- Bespoke IQ/OQ/PQ/Re-PQ packages
- Pre-approved protocols
- Pre and post test equipment calibration
- Audit approved documentation

In addition to everyday laboratory equipment, we also cover cold rooms and blood bank equipment.

For more information, please contact us:

0845 0034247 | info@technival.co.uk | www.technival.co.uk



A CALIBRE SCIENTIFIC COMPANY

ISO 9001 Accredited



Competitive Pricing



Bespoke Packages



Lec Medical Laboratory Plus Upright Fridges, Spark-free

Lec's new Bluetooth-enabled range provides improved user connectivity options for temperature monitoring and control.

- Temperature range: 2 °C to 10 °C
- Spark-free interior and solid door with lock
- Simple download of temperature history and alarm history via App
- Touch screen external temperature controller: read and reset; min/ max temperature readings; etc
- Two-year parts and labour warranty



Improved user connectivity options via the Lec Medical App.

Other models available in the range, including ATEX spark free.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LEC444411360	LSFSR310BT-UK Fridge 310 L with 5 Wire Shelves	595x633x1575	£1,570.00	£1,295.00
LEC444411364	LSFSR400BT-UK Fridge 394 L with 5 Wire Shelves	595x660x1935	£1,900.00	£1,569.00

Visit www.medlinescientific.com for full specifications.

Lec Medical Laboratory Plus Upright Freezers

Features, as above for Laboratory Plus Upright Fridges, except:

- Temperature range: -18 °C to -25 °C

Improved user connectivity options via the Lec Medical App.

Other models available in the range, including ATEX spark free.



Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LEC444411362	LSFSF242BT-UK Freezer 229/242 L with 6 Drawers	595x660x1500	£1,689.00	£1,395.00
LEC444411366	LSFSF312BT-UK Freezer 290/312 L with 8 Drawers	595x660x1935	£1,950.00	£1,609.00

Visit www.medlinescientific.com for full specifications.



Laboratory Freezer Racking

We can supply a huge variety of freezer racking, both standard and bespoke.

- Stainless steel and aluminium
- Vertical and horizontal
- Colour-coded racks and cryoboxes
- Bespoke storage bins
- And much more

Please contact enquiries@medlinescientific.com for more information.

Lec Medical Pharmacy Plus Upright Fridges

Lec's new Bluetooth-enabled range provides improved user connectivity options for temperature monitoring and control.

- Temperature range: 2 °C to 8 °C
- Glass door with lock
- Simple download of temperature history and alarm history via App
- Power failure alarm with backup battery powered recording
- Intelligent fan management system for enhanced performance
- Five-year parts and labour warranty



Improved user connectivity options via the Lec Medical App.

Other models available in the range, including solid door options.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LEC444411309	PPGR158BT-UK Fridge 154/158 with Glass Door, 2 Wire Shelves, 1 Wire Basket	595x660x850	£1,582.00	£1,305.00
LEC444411314	PPGR310BT-UK Fridge 305/310 L with Glass Door, 5 Wire Shelves, 1 Wire Basket	595x660x1500	£2,300.00	£1,899.00

Visit www.medlinescientific.com for full specifications.

Infrico 500 Litre -86 °C ULT Freezer

With dual independent refrigeration systems for secure sample storage, natural refrigerants and optional CO₂ back up system.

- Temperature range: -40 °C to -86 °C
- 5" Graphic LCD touchscreen controller
- Datalogger, USB and RS485 ports
- Audio-visual alarms for: power failure; temperature deviations; probe failure; open door after 10-60 seconds; low battery, and filter saturation



Dual compressor security for only £6,625.

Other models available, including 400, 700 and 800 L.

Save 45%

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
MDULF50086	LabCare+ ULT Freezer, 500 L	996x919x1986	£12,045.55	£6,625.00

Visit www.medlinescientific.com for full specifications.



Refrigeration – Service Solutions

A comprehensive portfolio designed to maximise the efficiency, reliability, and accuracy of your equipment.

- Health checks
- Servicing and preventative maintenance contracts
- Flexible breakdown cover
- On-site repairs
- Temperature calibration to UKAS standards

Please contact our dedicated Services Team for more information: enquiries@medlinescientific.com



Arctiko ULUF P50 Compact ULT Freezer

Ideal for placing under or on your counter. Self-diagnostic function confirms that the alarm system is always working correctly.

- Wide temperature range: -25 to -86 °C
- **Natural refrigerants with low GWP***
- Low maintenance, filterless construction
- 4.2" Touchscreen LCD, datalogger, USB port, and access port
- Visual and acoustic alarms



Save over £2,500

Stores up to 6,000 samples!

Other models available, including the 88 L ULUF P90 freezer.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
ARC1000013	ULUF P50 ULT Freezer, 50 L	657x778x836	£6,901.74	£4,125.00

Visit www.medlinescientific.com for full specifications.

*Global Warming Potential.

Arctiko ULTF ULT Chest Freezers

Single compressor technology and filterless construction ensure easy maintenance, lower heat dissipation, and noise reduction. Supplied with inner lids and RS485 port.

- Wide temperature range: -40 to -86 °C
- Advanced controller with integrated alarms and data logging
- Other features as listed above for Compact ULT



Nature R gas refrigerants.

Other capacities available, including 284 and 368 L. Please enquire.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
ARC1100001	ULTF 80 ULT Freezer, 71 L	556x641x887	£5,646.96	£3,379.00
ARC1100002	ULTF 220 ULT Freezer, 189 L	925x691x891	£6,550.44	£3,919.00

Visit www.medlinescientific.com for full specifications.

Grant Instruments, CRF-1 Bench Top Controlled Rate Freezer

For precision and reproducible cryopreservation of a wide range of material including: embryos, stem cells, mammalian cells, spermatozoa, antibodies, tissue sections and rodent organs.

- Cools down to -100 °C with straws
- Suitable for use in cleanrooms
- Operates with or without a PC
- Three-year parts and labour warranty



Liquid nitrogen free and runs on 24 V supply!

Other models available for cryovials, microplates etc.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
GRNTCRF-1H01	CRF-1 with Plate for 18 x 0.3 ml IMV Straws	350x290x460	£17,820.00	£13,629.00
GRNTCRF-1H06	CRF-1 with Plate for 55 x 1.8 ml Cryovials (1.0 ml max fill)	350x290x460	£17,820.00	£13,629.00

Visit www.medlinescientific.com for full specifications. Operating temperature (environment): 20 °C to 30 °C

Stirling Ultracold ULT Freezers

Stirling Ultracold ULT freezers offer a wide temperature range, **energy- and space-efficiency and use natural refrigerants.**

- Wide temperature range: -20 to -86 °C
- Free-piston Stirling engine: Only a few moving parts, no oil, and no compressors

Portable and lightweight, ULT25NEU

The only truly portable ULT freezer available for bringing cold chain sample and drug storage to patients and remote sites.

- **Energy efficient:** <2.8 kWh/day at -80 °C (steady state)
- **NEW** Ultraguard: Dry-ice free Phase Change Material (PCM) to help "hold the cold" and eliminate the need for dry ice
- Plugs into any 110V-240 V outlet and 12 V DC power*

Underbench, bench top or stacked, SU105UE

Ideal for bench-side personal storage. Delivers full-performance ULT storage.

- **Energy efficient:** < 4 kWh/day at -80 °C (steady state)
- Ideal for transitioning biological materials to warmer temperatures
- Fast pull-down and door-opening recovery performance

Upright, space-efficient and reliable, SU780XLE

The SU780XLE has recently been put through its paces by independent laboratory sustainability specialist, Green Light Laboratories.** We've learnt that the SU780XLE:

- **Delivers excellent energy efficiency****
- Offers high capacity storage and space efficiency
- Demonstrates superior recovery on door opening
- Provides excellent temperature performance



Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
STIRULT25NEU	ULT25NEU Portable ULT Freezer, 25L	693x350x460	£6,497.60	£5,500.00
STIRSU105UE	SU105UE Compact ULT Freezer, 105 L	864x711x686	£9,432.42	£7,500.00
STIRSU780XLE	SU780XLE ULT Freezer, 780 L	915x870x1994	£21,828.34	£12,500.00

Visit www.medlinescientific.com for full specifications. *Adapters required. **Please contact us to view the full case study report.



Sustainable Solutions for Laboratories

We offer a range of products and services to help you work more sustainably without impacting your daily workflows.

- Improve energy efficiency
- Lower running costs: Energy and water
- Reduce environmental impact
- Lower your carbon footprint

Discover the range on www.medlinescientific.com



CBS Isothermal LN₂ Cryogenic Vessels

Exclusive Isothermal technology for superior sample integrity. The liquid nitrogen filled jacket that surrounds the chamber provides dry storage and exceptional temperature consistency.

- Excellent temperature uniformity: Storage temperature variation of <6 °C from the top to the bottom of the chamber
- Increased storage space: No LN₂ at the bottom of the freezer
- Improved user safety: No risk of LN₂ splashes or spills
- Full opening lid provides easy access to samples



Save 15%

See page 30 for cryogenic gloves.

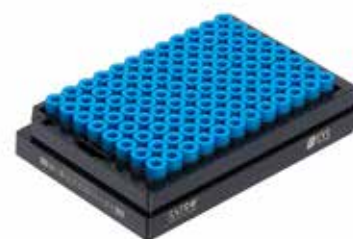
Model	V-1500AB	V-3000AB	V-5000AB	V-3000ABEH	V-5000ABEH
LN ₂ capacity (L)	30	70	93	89	140
Storage					
Vials	9,100	22,100	40,300	25,500	46,500
Cryo bags	434	1,120	1,936	1,280	2,208
Dimensions					
Internal, usable HxD (mm)	736x534	736x787	736x1016	940x787	864x1016
External, WxDxH (mm)	660x939x1143	939x1219x1206	1219x1371x1320	939x1219x1473	1219x1317x1473
Cat. No.	CBS55156V	CBS55305V	CBS55505V	CBS55305VEH	CBS55505VEH
List Price	£18,675.58	£30,154.09	£35,355.74	£34,520.80	£36,587.74
Promo Price	£15,874.00	£25,631.00	£30,052.00	£29,343.00	£31,099.00

Visit www.medlinescientific.com for full specifications. Delivery and installation not included. EH models are 'extended height'. Carousel models, ideal for restricted height environments, also available.

LVL Technology 2D Tube Rack SAFE® Racked Tubes

These 2D barcoded, racked tubes are a must have for any laboratory requiring safe and efficient long term storage of microlitre volumes of samples for applications such as bio-banking, epidemiological studies, cohort studies, transfusion medicine, compound management, cryopreservation and forensics.

The bottom of each individual tube is precision laser-etched with a unique 2D matrix. The bottom black components are moulded using a 'wet-on-wet' process. This process means that the components, which carry the 2D code, cannot be separated from the tubes through mechanical, chemical or thermal influences.





LVL Technology 2D Tube Rack SAFE® Racked Tubes, continued

Tubes:

- Extra-thick walls to help withstand multiple freezing cycles
- Made from polished, low-binding medical grade virgin PP
- Capped: Caps can be removed manually* or using an automated decapper/picking system
- Certified DNA, DNase, RNase, pyrogen and endotoxin free



Get in touch for information on other tube sizes.

*Please enquire for information on single and multi-tube decappers/pickers, barcode scanners, and other products in this range.

Cat. No.	Product Description	Packed	List Price	Promo Price
3C-I05-BL-CW-P-L	2D Tube Rack SAFE® Internal Thread, 500 µl, Side Coded, Blue Capped, PC Rack, Production Sterile.	50x96	£2,800	£2,200
3C-I10-BL-CW-P-L	2D Tube Rack SAFE® Internal Thread, 1000 µl, Side Coded, Blue Capped, PC Rack, Production Sterile.	50x96	£2,800	£2,200
4C-X05-BL-AW-P-L	2D Tube Rack SAFE® External Thread, 500 µl, Side Coded, Blue Capped, Automation Friendly PC Rack, Production Sterile	50x96	£3,100	£2,500
4C-X10-BL-AW-P-L	2D Tube Rack SAFE® External thread, 1000 µl, Side Coded, Blue Capped, Automation Friendly PC Rack, Production Sterile.	50x96	£3,100	£2,500

Visit www.elkaylabs.com for full specifications.

LVL Technology SAFE® READ Single Express 2D Reader

Offers easy, out-of-the-box set up and is delivered pre-calibrated and ready to read.

This instrument can read all racks in the SBS format, regardless of the configuration or number of tubes.

- Fast camera-based reader
- Scans SAFE® and other SBS formats
- Imaging under difficult lighting conditions
- Two year warranty



Special price with cryo-protection included!

Cat. No.	Product Description	List Price	Promo Price
DMTR-MI-SR-CP	SAFE® READ 2D Barcoded Rack Reader	£5,600.00	£5,000.00

Visit www.elkaylabs.com for full specifications.



Agar Scientific Cryo-Gloves

Cryogenic protection for ultra-cold applications down to -196 °C (-320 °F). State-of-the-art materials and a multi-layered construction allow for a maximum level of thermal protection, flexibility, and dexterity which are essential features when function is important, and safety is critical.

- High performance, thermal inner lining wicks moisture away from hands, maintaining comfort over extended periods
- Safety certified to meet EU standards for CE Cat. III: EN 511, EN 388, EN 420
- Sizes: Small, medium and large



Also available in pink, where a portion of profits from PINK Product Sales goes to cancer research and support services.

Other Cryo-Glove ranges: Waterproof Cryo-Gloves for working with LN₂; Waterproof Cryo-Grip Gloves for superior dexterity and hand protection; Cryo-LNG Gloves for industrial applications 'extended height'.

Cat. No.	Product Description	Quantity	List Price	Promo Price
AGC1015	Wrist Length Cryo-Gloves	1 Pair	£226.65	£181.32
AGC1016	Mid Arm Length Cryo-Gloves	1 Pair	£242.86	£194.29
AGC1017	Elbow Length Cryo-Gloves	1 Pair	£302.21	£241.77
AGC1018	Shoulder Length Cryo-Gloves	1 Pair	£399.33	£319.47

Visit www.agarscientific.com for full specifications. Please specify required size when ordering. Extra large excluded from promo price.

Agar Scientific Cryo-Aprons

Cryo-Aprons offer protection for ultra-cold applications down to -196 °C (-320 °F). The aprons are lightweight for comfort and ease of movement, and are waterproof.

- Adjustable straps at the neck and waist to ensure a proper fit
- Quick-release buckles at the neck and waist for swift on/off function
- Safety certified to meet EU standards for CE Cat. III: EN 511, EN 388, EN ISO 13688
- Also available for industrial applications



Save 20%

Multiple lengths available for maximum safety.

Also available in pink and black.

Cat. No.	Product Description	Quantity	List Price	Promo Price
AGC8050	Cryo-Apron, Small	1	£277.90	£222.32
AGC8051	Cryo-Apron, Medium	1	£304.91	£243.93
AGC8052	Cryo-Apron, Large	1	£332.42	£265.94
AGC8053	Cryo-Apron, XL	1	£358.85	£287.08

Visit www.agarscientific.com for full specifications.

Agar Scientific Cryo-Protection Safety Kits

The Cryo-Protection Safety Kits are available in mid-arm and elbow lengths, and include:

- Pair of waterproof Cryo-Gloves
- Cryo-Apron
- Cryo-Protection Face Shield

Available in 2 lengths

Cryo-Protection Safety Kits Plus:

As above, but also includes Cryo-Gaiters.



Safety Kit Plus shown

Cat. No.	Product Description	Quantity	List Price	Promo Price
AGC1012	Cryo-Protection Safety Kit - Mid Arm Length	1	£604.43	£483.54
AGC1013	Cryo-Protection Safety Kit - Elbow Length	1	£634.64	£507.71
AGC1005	Cryo-Protection Safety Kit Plus – Mid Arm Length with Cryo-Gaiters	1	£1,050.25	£840.2
AGC1006	Cryo-Protection Safety Kit Plus - Elbow Length with Cryo-Gaiters	1	£1,080.45	£864.36

Visit www.agarscientific.com for full specifications.

Sonics and Materials, VCX-130 and VCX-130PB Ultrasonic Processors

VCX-130: A popular ultrasonic processor suitable for small volumes. Programmable with 10 hour timer and pulse mode. Supplied with ¼" probe, suitable for processing 10 to 50 ml.

VCX-130PB: An economical option with pulse button control. Supplied with ⅜" probe, suitable for 0.5 to 15 ml volume.

Both models feature:

- Processing volume: 200 µl to 150 ml*
- Wattage and energy display, and variable power output

Contact us for information on other systems suitable for processing larger volumes (up to 1 litre).



Cat. No.	Product Description	List Price	Promo Price
SONVCX-130	VCX-130 Ultrasonic Processor, 130 W	£3,158.12	£2,985.00
SONVCX-130PB	VCX-130PB Ultrasonic Processor, 130 W	£3,072.66	£2,905.00

Visit www.medlinescientific.com for full specifications.

*Depending on probe and application. Accessories must be ordered separately and include: Alternative probes, support stand, sound abating enclosure, continuous flow cell, cuphorn etc.



Julabo PURA™ Unstirred Heated Water Baths

Ideal for a wide range of applications, including routine laboratory work, temperature applications for samples and incubation. All models (except PURA 4) come with drain screw for quick draining.

- Temperature range: +18 to +99.9 °C; stability: ±0.15 °C*
- Integrated timer and dry running protection
- Mains switch is protected against spray water
- Side recessed grips and non-slip rubber feet



Easy operation and bright LED display.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
4AJ-4667880	PURA 4 Water Bath, 0.8 to 4.5 L**	210x350x220	£733.50	£675.00
4AJ-4667881	PURA 10 Water Bath, 1.4 to 9.5 L**	310x350x220	£934.00	£895.00
G-9550514	PURA 14 Water Bath, 2 to 14 L**	420x350x220	£967.00	£920.00
4AJ-4667883	PURA 22 Water Bath, 3.4 to 25.5 L**	640x350x260	£1,062.00	£1,015.00
4AJ-4667884	PURA 30 Water Bath, 4.8 to 36 L**	860x350x260	£1,276.00	£1,215.00

Please contact enquiries@medlinescientific.com for full specifications. *Stability with accessory lid. **Fill volume. Accessories include lids and tube racks.

Grant Instruments, Bath Sanitiser

For use in unstirred water baths to prevent bacterial and fungal growth. Simple and safe to use: no toxic gases or harmful by-products.

- Ready-to-use solution
- Non-corrosive to stainless steel
- Two year shelf life



Chlorine and alcohol free, and fully biodegradable.

Cat. No.	Product Description	List Price	Promo Price
GRNTSANIT1	Liquid sanitiser, 4 x 1 L Bottles	£200.00	£153.00

Grant Instruments, Refrigerated/Heating Circulating Baths

Suitable for a wide variety of applications in the lab, industry and education. Delivers powerful cooling with improved energy efficiency.

- Eco mode optimises performance and energy usage
- **Uses up to 80% less energy than standard compressor models**
- **Manufactured in UK**
- Three-year parts and labour warranty



Energy efficient with low GWP natural R290 refrigerant.**

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
GRNTECOCOOL100R	ECOCOOL 100R -20 to 100 °C, 4.5 L	240x490x430*	£3,563.00	£2,725.00
GRNTECOCOOL150R	ECOCOOL 150R Advanced -30 to 150 °C, 5.5 L	240x490x430*	£4,115.00	£3,149.00

Visit www.medlinescientific.com for full specifications. *630 mm with Optimiser. **Global warming potential. Supplied assembled as ready to use kits, complete with accessory hosing, clips and connectors as standard. Available in 120 V and 230 V (50/60 Hz).

Julabo F Series Recirculating Coolers

Compact coolers that deliver environmentally friendly operation with low energy consumption. No side vents mean that instruments can be placed next to other equipment. Easily accessible drain tap.

- Temperature stability: ± 0.5 °C
- Bright LED display and optical fill level sensor
- Mains switch is protected against spray water
- Dry running protection
- **Replace tap water cooling**



Low energy consumption.*

Model	F250	F500	F1000
Temperature range (°C)	-10 to +40	0 to +40	0 to +40
Cooling capacity (kW)	0.25	0.5	1
Pump capacity flow rate (l/min)	15	24	23
Cat. No.	G-9620025	4AJ-9698528	G-9620100
List Price	£2,373.00	£3,383.00	£4,226.00
Promo Price	£2,270.00	£3,250.00	£4,045.00

Visit www.medlinescientific.com for full specifications. *Case studies are available on request.

Julabo DYNEO Refrigerated/Heating Circulators

Ideal for basic research, materials testing, technical systems and more. Suitable for internal and external applications with easy switch over between the two. Integrated drain for easy emptying.

- Temperature stability: ± 0.01 °C
- Large colour TFT display
- Powerful and infinitely adjustable pressure pump
- Integrated programmer, Pt100 and USB connections
- Pump capacity flow rate: 8 to 27 l/min
- Heating capacity: 2 kW



Efficient alternative to tap water cooling with natural refrigerants.*

Other models are available in this range.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
4AJ-4685634	DYNEO DD-310F -30 to +200, 3 to 4 L, 0.3 kW Cooling Capacity	230x400x650	£5,011.10	£4,790.00
4AJ-4685640	DYNEO DD-450F -30 to +200 °C, 3 to 4 L, 0.44 kW Cooling Capacity	230x400x650	£5,460.00	£5,189.00
4AJ-4687384	DYNEO DD-449F -32 to +200 °C, 21 to 30 L, 0.44 kW Cooling Capacity	370x590x690	£6,808.20	£6,508.00

Please contact enquiries@medlinescientific.com for full specifications. *R290 with global warming potential of 3.



Sigma 3-16KL Refrigerated Bench Top Centrifuge

Compact, general purpose centrifuge offering high performance and a large number of rotors and accessories for maximum versatility.

The pre-cooling function "Rapid Temp" allows the centrifuge chamber and accessories to be cooled to a defined temperature. The patented one-knob controller with illuminated function keys is highly practical.

- Max. capacity: 4 x 400 ml
- Max. speed: 15,300 rpm; 21,984 g
- Timer: 10 sec to 99 min: 59 sec / continuous run / short run
- Fifty programs
- Automatic rotor recognition
- Two year warranty



Save £6,000

Quiet, versatile, and ideal for routine applications!

Package includes: 11180 Swing out rotor, without buckets; 13190 Sealable round bucket (x4); 17190 Sealing cap for bucket 13190 (x4); 17345 Adapters for 5 x 15 ml Falcons (x4); 17346 Adapters for 3 x 50 ml Falcons (x4).

Cat. No.	Product Description	List Price	Promo Price
SQ-40026-ML1	Sigma 3-16KL Refrigerated Bench Top Centrifuge Package, -10 °C to +40 °C	£14,447.00	£8,000.00

Visit www.medlinescientific.com for full specifications.

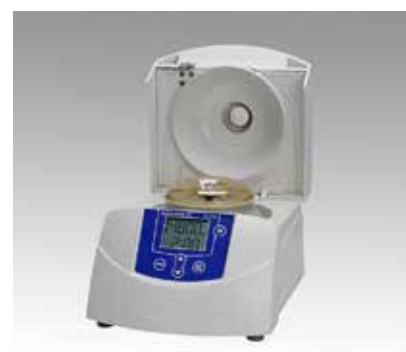
*11180 Four-place swing-out rotor: 90° angle; 4500 rpm / 3894 g; 4 x 400 ml max. capacity. IVD versions available.

Sigma 1-14 and 1-14K Microcentrifuges

A popular choice for microbiology applications such as DNA, RNA and protein isolation, clinical chemistry, and university research laboratories.

1-14K: The pre-cooling function allows the centrifuge chamber and accessories to be cooled to a defined temperature.

- Max. capacity: 24 x 2 ml
- Max. speed: 14,800 rpm, 16,163 g (1-14); 15,000 rpm, 16,602 g (1-14K)
- Timer: 10 sec to 99 min: 59 sec / continuous run / short run
- Clear display and ten programs
- Large number of accessory rotors available
- Two year warranty



Compact and powerful!

Cat. No.	Product Description	List Price	Promo Price
90616	Sigma 1-14 Microcentrifuge with 24x1.5/2.2 ml PP Rotor with Hermetic Sealable Lid	£1,795.00	£925.00
10020-P2	Sigma 1-14K Refrigerated Microcentrifuge with 24x1.5/2.2 ml Aluminium Rotor and Snap-on Lid, -10 °C to +40 °C	£4,998.00	£3,075.00

Visit www.medlinescientific.com for full specifications.

See pages 52 and 53 for centrifuge and microcentrifuge tubes

Medline MD1008 Mini Microcentrifuge

Suitable for many applications including tissue/cell culture, molecular biology, clinical applications as well as proteomics and genomics.

- Fixed speed: 7000 rpm/2680 xg
- Simple dual start/stop function
- Quiet: DC motor produces a noise level of 45 dB



Quiet operation and small footprint.

Cat. No.	Product Description	List Price	Promo Price
MD1008	Mini Microcentrifuge, Fixed Speed	£158.78	£129.00

Visit www.medlinescientific.com for full specifications. Supplied with: rotors for 8x 0.2/0.5/1.5/2 ml tubes and 1x 0.2 ml 16 PCR strips or 2x 0.2ml PCR 8 strips.

Medline Mini Vortex Mixer

Designed for mixing tubes. Ideal for personal use and for teaching labs. Easy to store and use in small spaces (e.g. fume hoods).

To start mixing, the tube just needs to be pushed gently into the mixer's attachment. Mixing stops as soon as the tube is removed.

- Fixed speed: 3000 rpm; Orbit: 5.5 mm
- Foot pad design minimises 'walking'
- Suitable for cold rooms and incubators (non CO₂)



Small, efficient, and robust.

Cat. No.	Product Description	List Price	Promo Price
FE101001	Mini Vortex Mixer	£101.10	£85.00

Visit www.medlinescientific.com for full specifications.

Medline VX-3000MD Vortex Mixer

Compact mixer provides efficient agitation throughout the speed range, utilising either touch activation or continuous mode. Rubber feet minimise any vibration and movement.

- Speed range: 0 to 3000 rpm; Orbit: 6 mm
- LED display for speed and time
- Timer: 1 sec to 90 min with up to 10 cycles



Strong, reliable, and quiet

Cat. No.	Product Description	List Price	Promo Price
VX-3000MD	VX-3000MD Vortex Mixer	£271.71	£141.00

Visit www.medlinescientific.com for full specifications. Range of accessories available. Please enquire.



Grant Instruments, Thermoshaker Heating/ Cooling

Ideal for intensive mixing of samples with heating or cooling.

- Temperature range: 15 below amb. to +100 °C; ± 0.1 °C uniformity
- Shaking speed: 250 to 1400 rpm
- Fast heat-up and cooling times
- **Manufactured in UK**
- Two year warranty



Peltier cooling for prolonged lifecycle.

Choice of five interchangeable blocks. Sold separately.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
GRNTPCMT	PCMT Thermoshaker	130x240x220	£1,183.00	£905.00

Visit www.medlinescientific.com for full specifications.

Medline Analogue Hotplate, Stirrer, and Hotplate Stirrer

Large heating/stirring area. Chemically-resistant ceramic-coated steel construction. Delivers reliable performance at a great price.

- Speed range: 100 to 1500 rpm (MS-200 and MS-300)
- Max. capacity 5 L (MS-200 and MS-300)
- Max. temperature: 400 °C (MS-100 and MS-300)



Excellent reliability and economical.

Cat. No.	Product Description	Plate dims, mm	List Price	Promo Price
MS100	MS-100 Analogue Hotplate	180x180	£224.51	£185.00
MS200	MS-200 Analogue Magnetic Stirrer	180x180	£224.51	£185.00
MS300	MS-300 Analogue Hotplate Stirrer	180x180	£361.85	£190.00

Visit www.medlinescientific.com for full specifications. Supplied with 12.5 mm screwed thread for retort rod (not included).



Refrigeration – Breakdown Services

We are on hand if your lab equipment fails or falters with flexible contractual solutions and our call-out repair service. Bespoke options available for all major brands of laboratory fridges and freezers (+4 °C to -150 °C).

- Servicing and breakdown contracts
- Extended warranty options
- Repairs and call-outs for all major brands of fridges and freezers

Contact our dedicated Service Team for more information:
enquiries@medlinescientific.com

IKA TWISTER Magnetic Stirrer

Versatile, compact mixing device (without heating), with magnetic drive suitable for a wide variety of applications. Easily adapts from a single or multi position magnetic stirrer to a vortex mixer freeing up valuable bench space.

- Speed range: 100 to 3000 rpm
- Reverse rotation direction function (controlled by timer)
- LED display
- Top plate: 124x124 mm
- Connect up to 30: Controlled either separately or simultaneously
- IP66 water resistance, can be used in incubators (up to 40 °C)



Versatile: Reduces the amount of lab equipment required.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
4AJ-4685997	TWISTER Set 1, 5 L Stirring Capacity 1 x TWISTER Magnetic Stirrer	135x135x24	£359.10	£345.00
4AJ-4685998	TWISTER Set 2, 10 L Stirring Capacity 2 x TWISTER Magnetic Stirrer	135x135x24	£674.10	£645.00
4AJ-4685999	TWISTER Set 3, 15 L Stirring Capacity 3 x TWISTER Magnetic Stirrer	135x135x24	£989.10	£945.00
4AJ-4686000	TWISTER Set 4, 20 L Stirring Capacity 4 x TWISTER Magnetic Stirrer	135x135x24	£1,304.10	£1,265.00

Please contact enquiries@medlinescientific.com for full specifications. All sets supplied with plug-in power supply unit with adapter and IKAFLON 25 round magnetic stirring bar.

Jeio Tech Multi-position Magnetic Stirrers

Ergonomically designed, lightweight, easy to operate, and low profile. Digital PID feedback control and strong magnetic coupling.

- Speed range: 30 to 2000 rpm
- Spark-free and quiet motor
- Timer and easy-to-read VFD

Stainless steel top plate.



Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
AAH332215U	MS-32M Magnetic Stirrer, 6 Positions (3x2)	254x436x82	£1,400.55	£647.00
AAH332415K	MS-51M Magnetic Stirrer, 5 Positions (5x1)	131x603x82	£1,303.49	£519.00
AAH332515	MS-52M SMagnetic Stirrer, 10 Positions (5x2)	254x602x82	£2,107.75	£959.00

Visit www.medlinescientific.com for full specifications. Other models available in range.



Jeio Tech Overhead Stirrers

MSA-0420 — Strong stirring action and simple operation. Powerful torque capable of handling high viscosity tasks. Maintenance of constant motor speed by PID feedback control system even under conditions of changing viscosity.

MSD-0420 — Suitable for high performance tasks. Intelligent speed controller enables reproducible results under varying viscosity.

- Selectable stirring direction
- Built-in USB port for external control and data collection
- Digital display with sensitive touch buttons shows:
Set/present rpm, power ratio (%) and run time



MSH-0512 and MSH-0520 — LCD touch screen controller. Offering high functionality, safety and longevity.

- Colour touch screen display and selectable stirring direction
- Built-in USB port for external control and data collection

Remote control and monitoring available. Optional external controller for use in safety cabinets and fume hoods.



Model	MSA-0420	MSD-0420	MSH-0512	MSH-0520
Speed range (rpm)	80 to 2000	80 to 2000	50 to 1200	50 to 2000
Max. stirring capacity, H ₂ O (L)	20	20	100	60
Max. torque (N-cm)	19	19	41.6	20.8
Cat. No.	AAH373325K	AAH373225K	AAH371415K	AAH371515K
List Price	£650.85	£726.67	£1,175.32	£1,453.34
Promo Price	£415.00	£506.00	£675.00	£675.00

Visit www.medlinescientific.com for full specifications.

Many stirring accessories available (e.g. propeller, turbine, half-moon anchor, paddle impellers and more), support stands, and clamps Please order these separately.

Jeio Tech CRS-350 Rocker

Adjustable tilt angle and precise digital speed control, ideal for ELISA, enzyme immunoassays, protein synthesis, hybridisation staining, destaining gels and many other laboratory applications.

- Speed range: 5 to 100 rpm; Tilt: 7 to 13°
- Microprocessor PID control and VFD touch sensitive keypad
- Digital timer
- Smooth, quiet and uniform shaking motion
- Suitable for use in cold rooms or incubators*



Shown with optional universal harness

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
AAH391115K	CRS-350 Rocker with Dimpled Mat	249x325x138	£1,340.24	£605.00

Visit www.medlinescientific.com for full specifications. Other platforms available which can be ordered separately.

* Permissible environmental conditions: temperature (5-40°C) and relative humidity (up to 80%).

Jeio Tech CWS-350 3D Rocker

Adjustable tilt angle and precise digital speed control, ideal for ELISA, enzyme immunoassays, protein synthesis, hybridisation staining, destaining gels and many other laboratory applications.

- Speed range: 8 to 100 rpm; Tilt: 0 to 13°
- Microprocessor PID control and VFD touch sensitive keypad
- Smooth, quiet and uniform shaking motion
- One-touch timer
- Suitable for use in cold rooms or incubators*



Shown with optional universal harness

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
AAH381115K	CWS-350 3D Wave Rocker with Dimpled Mat	249x325x138	£1,402.79	£595.00

Visit www.medlinescientific.com for full specifications. Other platforms available which can be ordered separately.

*Permissible environmental conditions: temperature (5-40 °C) and relative humidity (up to 80%)

Jeio Tech OS-3000 Dual Action Shaker

Bench top shaker offering two shaking motions, orbital and reciprocating. Quiet, maintenance-free BLDC motor. RS232 and USB ports.

Optional software/app, LC Connected, enables monitoring and control via mobile app.*

- Speed: 20 to 500 rpm**; Orbit: 19.1 mm***
- Microprocessor PID control and speed calibration
- Accommodates flasks up to 6 L
- Timer and easy-to-read VFD



Shown with optional dedicated platform

Shown with optional dedicated platform.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
AAH3D1215K	OS-3000 Dual Action Bench Top Shaker	409x508x141	£2,597.06	£1,313.00

Visit www.medlinescientific.com for full specifications.

Platforms, clamps and other accessories must be ordered separately. *Optional LC GreenBox required to connect multiple units.

Max. speed depends on load. *25.4 mm orbit also available.

Jeio Tech OS-4000 Orbital Shaker

With its powerful driving system, the OS-4000 is ideal for heavy workloads requiring reproducible results. Quiet, maintenance-free BLDC motor. RS232 and USB ports.

Optional software/app, LC Connected, enables monitoring and control via mobile app.*

- Speed: 20 to 500 rpm**; Orbit: 19.1 mm***
- Microprocessor PID control and speed calibration
- Accommodates flasks up to 6 L
- Timer and easy-to-read VFD

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
AAH3D1315K	OS-4000 Orbital Bench Top Shaker	510x632x156	£2,971.48	£1,595.00

Visit www.medlinescientific.com for full specifications.

Platforms, clamps and other accessories must be ordered separately. *Optional LC GreenBox required to connect multiple units.

Max. speed depends on load. *25.4 mm reciprocal also available.



Medline BeadBug 6 Microtube Homogeniser

A powerful bench top homogeniser that sets the performance standard for personal-sized cell disruption and lysis instruments. Rapid cell disruption through constant high velocity impact from the hardened micro-beads chosen specifically for your sample type.

- Speed range: 2500 to 4350 rpm
- Timer: 1sec to 90min with up to 10 cycles
- Simultaneous homogenisation of 6x 2 ml or 2x 5 ml samples
- Optimised mixing in disposable screw cap microtubes
- Extremely powerful mixing action



Cat. No.	Product Description	List Price	Promo Price
MDD1036-E	BeadBug 6, Six Position Microtube Homogeniser	£3,035.47	£2,429.00

Visit www.medlinescientific.com for full specifications. Mixing tubes required; please order separately. Contact us to discuss your application and appropriate mixing kits/tubes.

Ohaus HT Lysing, HOHTDG Homogeniser

Lysing mead mill lab homogeniser offers an efficient solution for grinding, lysing, pulverising, mixing and homogenising sample preparations. High-throughput processing, ideal for multiple sample and tube configurations.

- Speed range: 300 to 1600 rpm
- Timer: 1 sec to 10min
- Microprocessor controller and easy-to-read LED
- Capacity: 1x deep well, 4x microplates, or any sample to 102x127x64 mm
- Easy-to-load tray securely locks samples in place



Save over £300!

Five preset programmes

Cat. No.	Product Description	List Price	Promo Price
4AJ-4661255	HT Lysing, HOHTDG Homogeniser	£6,979.77	£6,650.00

Please contact enquiries@medlinescientific.com for full specifications. Accessories include tubes, tube kits and racks.

Jeio Tech IST-3075/-3075R Bench Top Incubator Shakers

Designed for effective sample preparation in a temperature-controlled environment with wide speed range (even with heavy workload). Intelligently managed speed adjustment to cope with unbalanced or heavy loads.

- Temperature range:
 - IST-3075 Amb. +5 to +80 °C
 - IST-3075R Amb. -15 °C (min. +15) to 80 °C
- Speed range: 20 to 500 rpm; Orbit: 19 mm
- Microprocessor PID control and touch screen LCD controller



Shown with optional platform

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
AAH23422K	IST-3075 Incubator Shaker	440x785x510	£6,350.00	£3,159.00
AAH23522K	IST-3075R Refrigerated Incubator Shaker	440x785x510	£7,140.35	£3,595.00

Visit www.medlinescientific.com for full specifications. Platforms, clamps and other accessories must be ordered separately.

Jeio Tech ISS-4075/-4075R Stackable Incubator Shakers

Bench top, multi-purpose incubator shakers or floor-standing if stacked. Large chamber and wide choice of accessories. Supplied with two adjustable shelves for static incubation/refrigeration.

- Speed: 20 to 500 rpm (unstacked)*; Orbit: 19.1 mm
- Temperature range:
 - ISS-4075 Amb. +5 °C to +80 °C
 - ISS-4075R Amb. -20 °C (min. 4 °C) to +80 °C
- Microprocessor PID control and touch-screen LCD controller



Stackable

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
AAH23632K	ISS-4075 Stackable Incubator Shaker	678x895x934	£11,064.40	£5,196.00
AAH23732K	ISS-4075R Refrigerated Stackable Incubator Shaker	678x895x934	£11,323.47	£5,708.00

Visit www.medlinescientific.com for full specifications.

Platforms, clamps and other accessories must be ordered separately.

* Stacked: 20 to 250 rpm. Contact us for information on stacking kits.

Jeio Tech ISS-7100 and ISS-7100R Stackable Incubator Shakers

Floor standing, multi-purpose incubator shakers. The large capacity chamber and wide choice of accessories allow users to flexibly process many different sample sizes. The space-saving door opens upwards and a slide-out platform provides easy access to all samples.

- Speed: 30 to 400 rpm (unstacked)*; Orbit: 25.4 mm**
- Temperature range:
 - ISS-7100 Amb. +10 °C to +80 °C
 - ISS-7100R Amb. -20 °C (min. 4 °C) to +80 °C
- Microprocessor PID control and touch-screen LCD controller



Stack up to 3!

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
AAH238132K	ISS-7100 Stackable Incubator Shaker	1310x996x755	£12,258.67	£6,512.00
AAH238232K	ISS-7100R Refrigerated Stackable Incubator Shaker	1310x996x755	£13,396.08	£7,209.00

Visit www.medlinescientific.com for full specifications. Platforms, clamps and other accessories must be ordered separately.

* Stacked with stand or additional shakers: 30 to 250 rpm. Contact us for information on optional stands and stacking kits.

** ISS-7200/-7200R models with 50.8 mm orbit also available, please enquire.



LEEC Classic Incubators

Low wattage incubators featuring sealed chambers with radiused corners, manufactured from stainless steel.

- Digital temperature controller
- Fan circulation and quick temperature recovery
- Inner glass door
- Over and under temperature alarms
- Temperature range: 5 °C above ambient to +60 °C

Low wattage heating and high performance thermal insulation.



Save up to £785

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LEECC100	C100 Incubator, 100 L	684x620x582	£1,544.02	£1,110.00
LEECC157	C157 Incubator, 157 L	684x620x790	£2,055.53	£1,479.00
LEECC330	C330 Incubator, 330 L	684x620x1417	£2,799.65	£2,015.00

Visit www.medlinescientific.com for full specifications. C100 is supplied with two shelves; C157 with four; C330 with six. Accessories available: Stacking kit and wheeled trolley available.

Genlab Classic Forced Convection Ovens and Incubators

The Classic range offers a selection of highly efficient, reliable and cost effective units.

Ovens: Suitable for most drying, warming and general laboratory applications.

- Simple to use thermostat system with overheat protection
- Temperature range: 40 °C to 250 °C; fluctuation: ±0.75 °C
- Mild steel coated with aluminium (CLAD) chamber
- **Manufactured in the UK**

Incubators: Suitable for most biological analysis, research and general laboratory applications.

- Temperature range: Amb. +8 °C to 70 °C
- Fluctuation: ±0.25 °C @37 °C



Save 17%

Other models available in the range: 6, 18, 40 and 75 L.

Model	MINO/30 MINI/30	MINO/50 MINI/50	MINO/100 MINI/100
Capacity (L)	30	53	99
External, WxDxH (mm)	480x620x500	610x590x590	610x720x710
Oven Cat. No.	GENMINO/30/F	GENMINO/50/F	GENMINO/100/F
List Price	£1,005.00	£1,170.00	£1,415.00
Promo Price	£828.00	£964.00	£1,165.00
Incubator Cat. No.	GENMINI/30/F	GENMINI/50/F	GENMINI/100/F
List Price	£1,005.00	£1,170.00	£1,415.00
Promo Price	£828.00	£964.00	£1,165.00

Visit www.medlinescientific.com for full specifications. /30 and /50 models are supplied with two shelves; /100 with three. Accessories/options include: Stainless steel chamber; access ports; traceable calibration; extended warranty. Incubators can be supplied with inner glass door, or viewing window.

Genlab Multi-Purpose Forced Convection Ovens and Incubators

Featuring touch screen control system which offers intuitive control and excellent accuracies designed for industrial and laboratory ovens. **Energy efficient with integral energy meter.**

Ovens: Suitable for most drying, warming and heat treatment processes.

- High accuracy PT100B duplex sensors <math><0.8\text{ }^\circ\text{C}</math>
- Temperature range: 40 to 250 $^\circ\text{C}$; stability: $\pm 0.6\text{ }^\circ\text{C}$
- On screen historical trending (48 hours)
- Mild steel coated with aluminium (CLAD) chamber
- Manual or automatic overheat reset
- **Manufactured in the UK**

Incubators: Suitable for most biological analysis, research and general laboratory applications.

- Temperature range: Amb. +5 to 70 $^\circ\text{C}$; fluctuation: $\pm 0.25\text{ }^\circ\text{C}$ @37 $^\circ\text{C}$
- High resolution: 0.1 $^\circ\text{C}$



Please contact us for information on other capacities.

Model	MINO/30/TDIG MINI/30/TDIG	MINO/50/TDIG MINI/50/TDIG	MINO/100/TDIG MINI/100/TDIG	MINO/150/TDIG MINI/150/TDIG
Capacity (L)	30	53	99	143
External, WxDxH (mm)	480x630x510	630x610x660	630x740x780	630x820x880
Oven Cat. No.	GENMINO/30/ TDIG/F	GENMINO/50/ TDIG/F	GENMINO/100/ TDIG/F	GENMINO/150/ TDIG/F
List Price	£1,165.00	£1,320.00	£1,580.00	£1,860.00
Promo Price	£959.00	£1,087.00	£1,301.00	£1,532.00
Incubator Cat. No.	GENMINI/30/TDIG/F	GENMINI/50/TDIG/F	GENMINI/100/TDIG/F	GENMINI/150/TDIG/F
List Price	£1,165.00	£1,320.00	£1,580.00	£1,860.00
Promo Price	£959.00	£1,087.00	£1,301.00	£1,532.00

Visit www.medlinescientific.com for full specifications.

/30 and /50 models are supplied with two shelves; /100 and /150 are supplied with three.

Accessories/options include: Stainless steel chamber; 8 profile control; countdown timer; 24/7 real time clock; audible alarms; access ports; traceable calibration; extended warranty. Incubators can be supplied with inner glass door, or viewing window and lights.

LEEC Culture Safe CO₂ Precision Incubators

Bench top incubators with fully sealed, one-piece deep drawn chambers manufactured from 304 grade stainless steel.

- Simple digital control system
- Infrared CO₂ sensor
- Temperature range: 5 $^\circ\text{C}$ above ambient to +60 $^\circ\text{C}$
- 160 $^\circ\text{C}$ decontamination (P190D only)

Precise fanless heating system

Models with touch screen also available.



Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LEECP50	P50 CO ₂ Incubator, 50 L	534x460x736	£4,114.22	£2,700.00
LEECP190D	P190D CO ₂ Incubator, 190 L	765x740x862	£5,191.57	£3,409.00

Visit www.medlinescientific.com for full specifications. P50 is supplied with three shelves; P190D with four.

Accessories available: Automatic gas changeover unit; 3- and 8-inner doors for P50 and P190D, respectively; stacking kit, and trolley.



Genlab Multi-Purpose Large Capacity Forced Convection Ovens and Incubators

Featuring touch screen control system which offers intuitive control and excellent accuracies designed for industrial and laboratory ovens. **Energy efficient with integral energy meter.**

Ovens: Suitable for most drying, warming and heat treatment processes.

- Double door design
- High accuracy PT100B duplex sensors <math><0.8\text{ }^\circ\text{C}</math>
- Temperature range: \pm 0.6\text{ }^\circ\text{C}</math>
- On screen historical trending (48 hours)
- 8 stage profile control and countdown timer
- Mild steel coated with aluminium (CLAD) chamber
- Manual or automatic overheat reset
- **Manufactured in the UK**

Incubators: Suitable for most biological analysis, research and general laboratory applications.

- Temperature range: Amb. $+5\text{ }^\circ\text{C}</math> to $70\text{ }^\circ\text{C}</math>$$
- Fluctuation: $\pm 0.25\text{ }^\circ\text{C}</math> @ $37\text{ }^\circ\text{C}</math>$$
- High resolution: $0.1\text{ }^\circ\text{C}</math>$



Other capacities available: 320, 425, 645, 750 and 1250 L.

Model	LCO/250H/TDIG LCI/250H/TDIG	LCO/500H/TDIG LCI/500H/TDIG	LCO/850H/TDIG LCI/850H/TDIG	LCO/1000H/TDIG LCI/1000H/TDIG
Capacity (L)	220	535	865	1005
Oven Cat. No.	GENLCO/250H/ TDIG	GENLCO/500H/ TDIG	GENLCO/850H/ TDIG	GENLCO/1000H/ TDIG
External, WxDxH (mm)	1090x570x940	1440x810x1270	1600x950x1580	1600x950x1780
List Price	£3,235.00	£4,840.00	£7,430.00	£8,295.00
Promo Price	£2,664.00	£3,986.00	£6,119.00	£6,831.00
Incubator Cat. No.	GENLCI/250H/ TDIG	GENLCI/500H/ TDIG	GENLCI/850H/ TDIG	GENLCI/1000H/ TDIG
External, WxDxH (mm)	1090x570x940	1350x810x1270	1570x950x1580	1570x950x1780
List Price	£3,225.00	£4,820.00	£7,210.00	£8,050.00
Promo Price	£2,656.00	£3,969.00	£5,938.00	£6,629.00

Visit www.medlinescientific.com for full specifications.

/250 models are supplied with three shelves; /500, /850 and /1000 with five.

Accessories/options include: Stainless steel chamber; audible alarms; access ports; traceable calibration; extended warranty.

Incubators can be supplied with inner glass door, or viewing window and lights.

Jeio Tech Vacuum Ovens

Wide temperature range, touch screen display, and 3-point temperature calibration for good accuracy throughout chamber.

Optional software/app, LC Connected, enables monitoring and control via mobile app.*

- Temperature range: Amb. +15 to 250 °C
- RS-232 and USB port
- Stainless steel chamber
- Over current and over temperature protection
- Outer surfaces remain safe to touch even whilst operating at the highest temperature



Model	OV4-30	OV4-65
Capacity (L)	28	65
External, WxDxH (mm)	537x522x655	636x622x755
Cat. No.	AAH13315K	AAH13325K
List Price	£6,355.71	£8,220.7
Promo Price	£3,125.00	£3,890.00

Visit www.medlinescientific.com for full specifications. OV4-30 is supplied with two shelves; OV4-65 with three.

*Optional LC GreenBox required to connect multiple units.

Caron Products Stability Chambers

Purpose-designed chambers, for ICH Q1A and other demanding test protocols. Refrigeration On Demand only turns on when needed, reducing heat load and allowing units to run on standard single electrical circuits.

- Easy to read 7" touchscreen display
- Temperature range: 5 °C to 70 °C*
- Temperature control: ±0.1 °C; uniformity: 0.3 °C
- Heatless humidification, range: 20 to 95%**
- Stainless steel interior and shelves
- IQ/OQ/PQ documentation and services available
- Easy cleaning and maintenance



Save up to £1,300

Excellent temperature and humidity performance.

Other models available in the range.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
BIG7000-10-03	Model 7000-10 Bench Top, Stackable Chamber 283 L (net) with 3 Shelves	1123x828x927	£24,086.16	£22,885.00
BIG7000-25-03	Model 7000-25 Chamber, 708 L (net) with 4 Shelves	902x846x1958	£26,255.00	£24,945.00

Visit www.medlinescientific.com for full specifications. *0 °C to 70 °C operational range available ** 2% to 95% operational range available. Supplied with casters, levelling feet, and access ports. Many accessories available for cabinet customisation. Please enquire.



Genlab e³ Drying Cabinets

Developed with the University of Cambridge, Genlab's e³ drying cabinets are energy efficient, safer, and economic to run. Excellent chamber stability (± 0.6 °C) and low heat output.

- Touch screen controller and **timer (7-day)**
- Excellent temperature accuracies with firmware for energy saving
- Temperature range: 30 to 80 °C
- Stainless steel chamber and fully insulated
- **Manufactured in the UK**
- Manual and automatic over heat protection



Energy efficient with integrated energy meter.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
GENE3DWC100N/TDIG	Drying Cabinet, 100 L	720x420x660	£1,525.00	£1,256.00
GENE3DWC200N/TDIG	Drying Cabinet, 200 L	1000x500x770	£2,060.00	£1,696.00
GENE3DWC425N/TDIG	Drying Cabinet, 425 L	600x650x1750	£4,445.00	£3,661.00
GENE3DWC100F/TDIG	Drying Cabinet, 100 L with Fan Circulation	720x420x660	£1,750.00	£1,441.00
GENE3DWC200F/TDIG	Drying Cabinet, 200 L with Fan Circulation	1000x500x770	£2,245.00	£1,849.00
GENE3DWC425F/TDIG	Drying Cabinet, 425 L with Fan Circulation	600x650x1750	£4,670.00	£3,846.00
GENE3DWC885F/TDIG	Drying Cabinet, 885 L with Fan Circulation	1180x650x1750	£6,200.00	£5,106.00

Visit www.medlinescientific.com for full specifications. All models are supplied with three shelves. 425 and 885 L models have castors and double glazed hinged doors. 100 and 200 L models have glass sliding doors. Accessories/options include: Temperature logger; audible alarms; access ports; traceable calibration; extended warranty; wall mount brackets (for 100 and 200 versions), bespoke stands and stacking kits.

LEEC Eco Drying Cabinets

New cabinets feature efficient thermal insulation, so that equipment is cooler to the touch and heat escape is minimised, promoting operational efficiencies* and greatly reduced running costs.

- Precise digital temperature controller
- **Digital timer: 7-day / 24-hour**
- Temperature range: 30 to 80 °C
- Stainless steel chamber
- **Manufactured in the UK**
- Over temperature safety protection
- Two-year warranty (excluding glass doors)



Efficient running: Precise temperature control and insulated.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LEECECOFC1	ECO FC1 Drying Cabinet, 885 L with Fan Circulation	1168x650x1870	£4,199.48	£3,806.00
LEECECOFC2	ECO FC2 Drying Cabinet, 426 L with Fan Circulation	635x650x1870	£3,116.45	£2,825.00
LEECECOLS	ECO LS Drying Cabinet, 227 L	1000x550x807	£1,871.87	£1,696.00
LEECECOSS	ECO SS Drying Cabinet, 113 L	765x450x732	£1,779.42	£1,615.00

Visit www.medlinescientific.com for full specifications. *Energy usage data available on request. ECO FC1 and ECO FC2 are supplied with four shelves and castors; ECO LS and ECO SS cabinets with three shelves.

Priorclave EV/EH Autoclaves

Priorclave's Base range covers "the basics": media preparation, waste loads, sterilising loose instruments, open containers, and labware. Easy maintenance and light resource consumption help ensure a low lifetime cost of ownership.

- Fully programmable cycle customisation
- Media warming
- Integrated cooling and free-steaming systems
- Low water level sensor and drain protection



Smart Models

In addition to the features above, Smart models include:

- Pre-cycle vacuum, programmable to achieve steam penetration
- Pulsed free-steaming to maximise efficiency of Pre-cycle vacuum phase
- Vacuum assisted cooling

Other capacities available and Performance range models for more complex applications.

Cat. No.	Product Description	List Price	Promo Price
Front-loading			
PRIOEH100-BASE	EH100-BASE Autoclave, 100 L Electric	£14,960.00	£12,625.00
PRIOEH100-SMART	EH100-SMART Autoclave, 100 L Electric	£17,255.00	£14,559.00
PRIOEH150-BASE	EH150-BASE Autoclave, 150 L Electric	£17,045.00	£14,385.00
PRIOEH150-SMART	EH150-SMART Autoclave, 150 L Electric	£19,265.00	£16,255.00
PRIOEH200-BASE	EH200-BASE Autoclave, 200 L Electric	£18,590.00	£15,685.00
PRIOEH200-SMART	EH200-SMART Autoclave, 200 L Electric	£20,060.00	£16,926.00
Top-loading			
PRIOEV100-BASE	EV100-BASE Autoclave, 100 L Electric	£12,890.00	£10,876.00
PRIOEV100-SMART	EV100-SMART Autoclave, 100 L Electric	£16,680.00	£14,075.00
PRIOEV150-BASE	EV150-BASE Autoclave, 150 L Electric	£14,855.00	£12,535.00
PRIOEV150-SMART	EV150-SMART Autoclave, 150 L Electric	£17,495.00	£14,763.00

Visit www.medlinescientific.com for full specifications. Delivery and installation not included.



Real-time Temperature Monitoring

Configurable wireless systems for real-time monitoring and peace of mind.

- Scalable systems
- 24/7 protection with monitoring, logging, and alerting for all critical parameters
- Simple and intuitive dashboards and report generation

Please contact our dedicated Service Team for more information: enquiries@medlinescientific.com



Caron Products PCR Workstation, UV Decontaminating

Powerful UV tube lights are combined with carefully located optical reflectors to ensure uniform intensity distribution of the UV radiation throughout the cabinet. Acrylic windows offer exceptionally clear all round vision and do not allow transmission of UV.

- Timed UV exposure from 5-30 mins
- Door sensors switch off UV lamps if door flap is opened
- Door flaps offer excellent access to the cabinet interior
- Side panels include ports for cable access
- 18 W white lights and handy corner shelves



HEPA filtration and UV lamps!

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
BIGBW0804-4	PCR Cabinet, Bench Mounted with Pre-Filter and HEPA Filter	802x549x863	£5,130.00	£4,489.00

Visit www.medlinescientific.com for full specifications. Installation and commissioning not included.

Caron Products XP0804 Powder Handling Cabinet

Suited for weighing with an analytical balance (to 4 decimal places). Incorporates HEPA filtration technology and protects the operator from particles whilst weighing and handling powders.

- Excellent 360° visibility and trapezium access
- Low airflow alarm
- Double hinged lockable doors for easy access to interior
- Services access port in each side panel
- **Seven-year warranty* and manufactured in UK**



Shown with optional stand/cupboard.

Other models available: 1000, 1200, and 1500 mm, plus versions for microbalances and precision balances.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
BIGXP0804-4	800 mm Cabinets with Black PVC Base	820x570x1145	£5,690.00	£4,979.00

Visit www.medlinescientific.com for full specifications. Installation and commissioning not included.

*In combination with a comprehensive, yearly, service plan with Caron Products.



FREE UV Lamp with Faster Classic Class II Biological Safety Cabinets

Order a SafeFAST Classic Class II Cabinet before August 31st 2023 and we'll supply a UV sterilising lamp free of charge.

- Quiet, ergonomically-designed cabinet
- **Manufactured in a factory powered 100% by solar panels**
- **99% recyclable components**

Please contact enquiries@medlinescientific.com for your quotation today.

Caron Products BC8004 Ductless Fume Cabinet

Compact recirculating hood suitable for containing and removing hazardous fumes, vapours, gases and/or particulates. Incorporates carbon filters for fume removal and HEPA filters for particulates.

- Energy efficient fan system and LED lighting
- Low airflow alarm
- Seven-year warranty* and manufactured in UK
- Teardrop access



Other sizes and filters available; please enquire.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
BIGBC0804-4	BC 8004 Cabinet with Multi-purpose/ Universal Filter	800x570x1145	£5,446.00	£4,765.00

Visit www.medlinescientific.com for full specifications. Installation and commissioning not included.

A range of filters to cover organic or acid vapours, formaldehyde, ammonia, radioactive iodine and mercury are available. Please enquire.

*In combination with a comprehensive, yearly, service plan with Caron Products.

Faster Cytotoxic Safety Cabinets

These cabinets are specifically designed for use in handling cytotoxic drugs, CMR products and pathogens while offering complete protection for both product and operator.

Conform to: EN 12469:2000.

- Triple HEPA filter technology cabinet
- ECS® controlling system optimises power consumption
- Audio-visual alarms many parameters
- 70% of the air re-circulated via filter
- Manufactured in a factory powered 100% by solar panels
- 99% recyclable components

CytoFAST Elite

As above, except:

- Ergonomic design with an angled sash, high level lighting, and improved leg space beneath cabinets
- Electrically operated sash

Price does not include installation and commissioning.



Free UV Lamp

Cat. No.	Product Description	List Price	Promo Price
FASTF00015500000	CytoFAST Top 209, with UV Sterilising Lamp	£11,887.00	£10,315.00
FASTF00015600000	CytoFAST Top 212, with UV Sterilising Lamp	£13,069.00	£11,397.00
FASTF00015700000	CytoFAST Top 215, with UV Sterilising Lamp	£14,660.00	£12,825.00
FASTF00015800000	CytoFAST Top 218, with UV Sterilising Lamp	£15,921.00	£13,976.00
FASTF0A021100000	CytoFAST Elite 209, with UV Sterilising Lamp	£14,828.00	£13,010.00
FASTF0A021400000	CytoFAST Elite 212, with UV Sterilising Lamp	£15,638.00	£13,759.00
FASTF0A021700000	CytoFAST Elite 215, with UV Sterilising Lamp	£18,053.00	£15,929.00
FASTF0A022000000	CytoFAST Elite 218, with UV Sterilising Lamp	£19,201.00	£16,985.00

Visit www.medlinescientific.com for full specifications. Delivery and installation not included.

Many options available including: Perforated work surface; arm rest; additional sockets and service fixtures.



Jeio Tech Safety Storage Cabinets, Type 90

Fire resistance performance in accordance with European standard (EN14470-1): internal temperature kept below 180K for up to 90 minutes in the event of fire. Optional extraction module to filter flammable gas.

- When the temperature reaches 50 °C, doors automatically close
- When the ambient temperature reaches 70 °C ±10 °C, the exhaust holes and ventilation openings automatically close
- Ventilation/exhaust system to prevent build up of flammable vapour/gas
- Chemically resistant interior and robust construction



Shown with EM-33 extraction module

EM-33 Extraction Module must be ordered separately.

Save 50%!

Model	SC3-90F-0806D1D-C	SC3-90F-0812D2D-C	SC3-90F-1906D1-C	SC3-90F-1912D2-C
Capacity (L)	110	224	357	763
Number of Doors	1	2	1	2
External, WxDxH* (mm)	600x560x730*	1200x560x730*	601x625x1952	1116x625x1952
Oven Cat. No.	AAAF390120	AAAF390130	AAAF390140	AAAF390170
List Price	£2,865.18	£4,196.65	£4,196.65	£5,777.55
Promo Price	£1,415.00	£2,075.00	£2,039.00	£2,809.00

Visit www.medlinescientific.com for full specifications. Installation and commissioning not included. *Also available 820 mm high. SC3-90F-1906D1-C and SC3-90F-1912D2-C are supplied with 3 shelves.

10%
HIGHER
EFFICIENCY

80%
UP TO 80%
SPACE SAVING

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laboratory workstations

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Please contact enquiries@medlinescientific.com for more information.



Swabs

We offer a large selection of swabs for specimen collection and transportation to suit many applications in healthcare (e.g. MRSA testing and ENT), forensic sampling, environmental monitoring, and more. Please contact us to discuss your application.

300205 Wooden Sticks: Plain non-sterile wooden-shaft-only swabs have straight-cut splinter-free ends. Long 147 mm wooden shaft for hard to reach places. Bulk packed.

300230 Plain Swab, Wooden Shaft, Cotton Tip: Long 150 mm wooden shaft suitable for hard to reach places. Available sterile (**300230S**) and sterile, individually-wrapped (**300200**).

Dry swabs are ideal for when samples do not need to be transported.

300250.2 Plain Swab in Round Tube, Wooden Shaft, Cotton Tip: Sterile dry transport swab supplied in shock-proof round bottom polypropylene tubes, complete with tamper-evident label. Each label is clearly printed with lot number and expiry date. Sterilised by ethylene oxide.

300261.2 As above, except with snappable PS shaft.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
300205	Wooden Applicator Sticks	NS	1000	£16.47	£7.93
300230	Plain Swab, Wooden Shaft, Cotton Tip	NS	100 x 100	£258.43	£141.67
300230S	Plain Swab, Wooden Shaft, Cotton Tip	S	10 x 100	£16.47	£6.57
300200	Plain Swab, Wooden Shaft, Cotton Tip - Individually Wrapped	S	1000	£142.92	£76.40
300250.2	Plain Swab in Round Tube, Wooden Shaft, Cotton Tip	S	500	£110.09	£61.47
300261.2	Plain Swab in Round Tube, Polystyrene Shaft, Cotton Tip	S	500	£110.35	£63.97

Visit www.medlinescientific.com for full specifications.

Loops, Polystyrene

Please contact us for other products within this range.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
302770	1 µl Rigid Loop, Yellow	S	1000	£48.02	£13.03
302775	10 µl Rigid Loop, Blue	S	1000	£48.02	£13.03
302722	1 µl Flexible Loop, Yellow	S	1000	£48.02	£13.03
302725	10 µl Flexible Loop, Blue	S	1000	£48.02	£13.03

Visit www.medlinescientific.com for full specifications.



Test Tubes, Polystyrene and Polypropylene

Many other sizes available; please enquire.

Cat. No.	Product Description	Sterility	Material	Packed	List Price	Promo Price
300800	12x75 mm, Round Bottom	NS	PS	4000	£124.47	£66.67
300700	13x75 mm, Round Bottom	NS	PS	4000	£135.31	£76.15
300705	16x100 mm, Round Bottom	NS	PS	2500	£173.98	£100.83
400800	12x74 mm, Round Bottom	NS	PP	4000	£136.84	£73.33

Visit www.medlinescientific.com for full specifications.

Microcentrifuge Tubes, Polystyrene and Polypropylene

Other tubes, pack sizes, and cap colours available; please enquire.

Cat. No.	Product Description	Sterility	Material	Packed	List Price	Promo Price
900007	Microtube 0.4 ml 'Beckman type'	NS	PE	1000	£32.50	£17.52
900117	Microtube 0.5 ml	NS	PP	1000	£25.18	£12.52
200400P	Microtube 1.5 ml 'Flat Top', Graduated	NS	PP	500	£11.07	£6.37
200400SP	Microtube 1.5 ml 'Flat Top'	NS	PP	1000	£17.34	£9.78
409220	2 ml Skirted Microtube without Cap	NS	PP	500	£22.83	£11.85
409601	Screw Cap with O Ring, Natural	NS	PP	500	£25.34	£9.62

Visit www.medlinescientific.com for full specifications.

See pages 6 to 9 for pipette tips and Pasteur pipettes



ABDOS Centrifuge Tubes, Polypropylene

All tubes have a white write on label and printed graduations (except 3093-000). Tube 3093-000 has moulded graduations and no write on label.

- -STP sterile versions meet AAMI guidelines for irradiation
- Polypropylene tube with blue screw cap

Chemically resistant PP.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
3098-STP	15 ml Centrifuge Tube, Conical, Screw Cap, Assembled, Tray Rack 30x25	S	750	£142.00	£94.75
3081-STP	15 ml Centrifuge Tube, Conical, Screw Cap, Assembled, 25/Bag	S	500	£84.00	£56.20
3088-00P	15 ml Centrifuge tube, Conical, Screw Cap Assembled, Bulk Pack (Bag)	NS	500	£71.00	£47.40
2082-STP	50 ml Centrifuge Tube, Conical, Screw Cap, Assembled, 25/Bag	S	500	£100.00	£66.56
2092-00P	50 ml Centrifuge Tube, Conical, Non Assembled, Bulk Pack (Bag)	NS	500	£82.00	£54.88
2093-00P	50 ml Centrifuge Tube, Conical, Skirted, Non Assembled, Bulk Pack (Bag), DNase /RNase Free	NS	500	£95.00	£63.23
2093-STP	50 ml Centrifuge Tube, Skirted, Non Assembled, Bulk Pack (Bag)	S	500	£114.00	£76.10
3093-000	50ml Centrifuge Tube, Conical, Skirted, Non Assembled, Bulk Pack (Bag)	NS	500	£93.00	£62.34

Visit www.elkaylabs.com for full specifications. Other versions available, please enquire.

ABDOS Centrifuge Tubes (TMF), Polypropylene

Trace metal free material conform to US FDA 21 CFR; free from natural rubber and heavy metal.

- Ideal for trace metal analysis (ICP-MS detection levels below 1 ppb for metals)
- Natural screwcap provided, non-assembled
- Printed graduations

High quality, certified tubes at an affordable price.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
2086-TMF	15 ml Centrifuge tube (TMF) Natural Cap, Conical	NS	500	£95.00	£63.38
2096-TMF	50 ml Centrifuge Tube (TMF) Natural Cap, Conical	NS	500	£105.00	£70.12
2093-TMF	50 ml Centrifuge Tube (TMF) Natural Cap, Skirted	NS	500	£120.00	£80.19

Visit www.elkaylabs.com for full specifications. Other versions available, please enquire.



ABDOS Bio Reaction Tubes, Polypropylene

- DNase-, RNase-, Human DNA-, ATP-, and Pyrogen-free. CE and IVD certified
- Ultrasonically welded 0.22 µm hydrophobic membrane allows gas exchange
- Large frosted white printed writing area and clear, engraved graduations

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
P21070	Bio Reaction Tubes, 15 ml, Conical	S	100	£104.84	£58.25
P21071	Bio Reaction Tubes, 50 ml, Conical	S	100	£143.24	£79.58
P21072	Bio Reaction Tubes, 50 ml, Self-standing	S	100	£155.05	£86.14

Visit www.elkaylabs.com for full specifications.

Containers, Polystyrene

We supply a huge range of containers including PP and PS, with and without printed labels, and in a variety of volumes. Please contact us to discuss your requirements.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
129202	7 ml Bijou Container, No Label	S	700	£96.81	£39.20
309202FL	30 ml Universal Containers, No Label, Flow Seal Cap	S	400	£80.33	£27.00
309502	60 ml Container, Red Plastic Cap, No Label	S	600	£151.30	£71.67

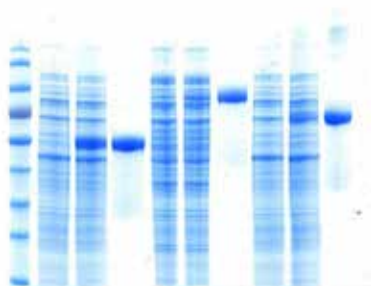
Visit www.medlinescientific.com for full specifications.

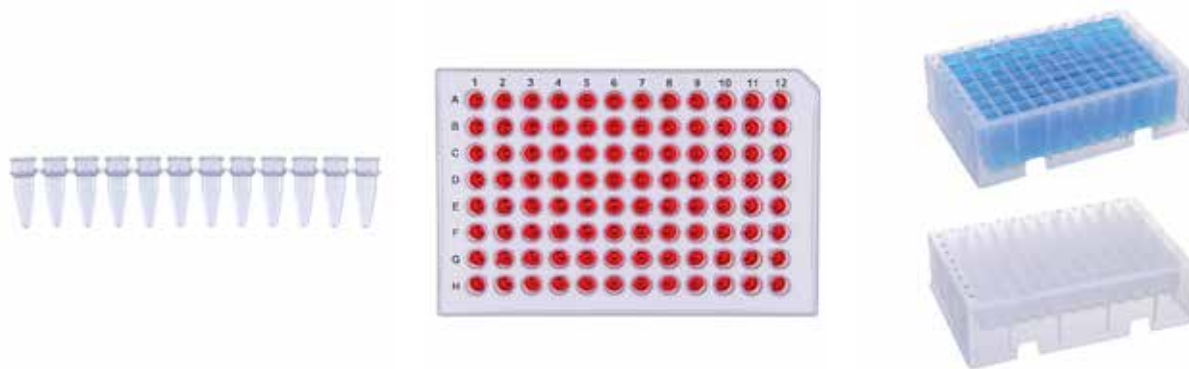
Protein Ark Electrophoresis Supplies

A high quality range of electrophoresis stains and consumables:

- Quick Coomassie protein stain (see page 65)
- Realtime stain—dual use protein stain and sample loading buffer
- Protein and DNA ladders
- DNA stains
- Agarose tables, and more

Please contact info@proteinark.com for more information.





ABDOS PCR Tubes and Plates, Polypropylene

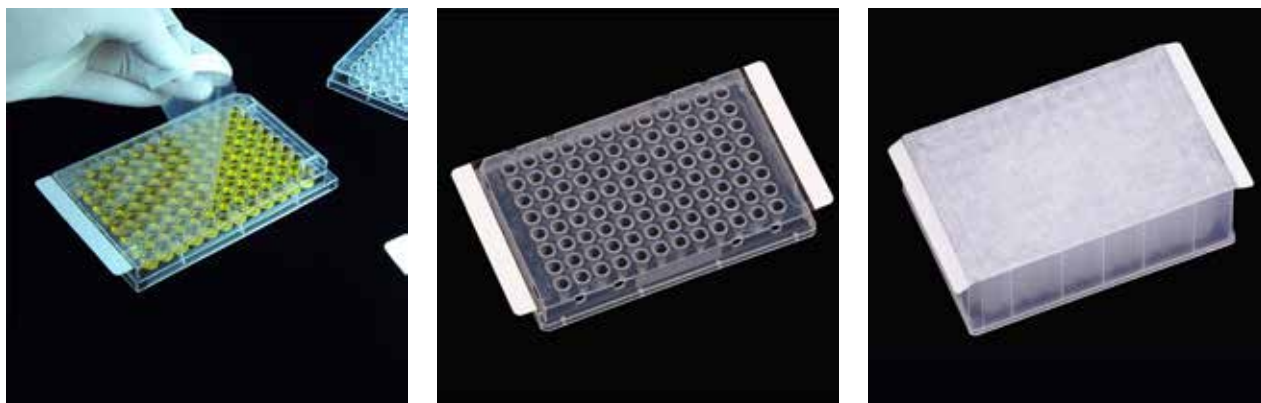
Made of high purity virgin USP Class VI Medical grade polypropylene (PP) conforming to US FDA 21 CFR, free from natural rubber and heavy metal.

- DNase-, RNase-, Human DNA-, ATP-, and Pyrogen-free

Please contact us for other products in this range.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
P10709	0.2 ml Strip Caps (x8), Flat, Optically Clear	NS	125	£408.01	£226.67
P10711	0.2 ml Strip Caps (x8), Domed	NS	125	£219.25	£121.80
P10726	0.1 ml Strip Tubes (x8) with Optically Clear Flat Cap, Low Profile	NS	125	£1,289.70	£716.50
P10727	0.2 ml Strip Tubes (x8) with Optically Clear Flat Cap, High Profile	NS	125	£1,195.90	£664.39
P10732	0.2 ml Strip Tubes (x8) without Cap, White	NS	125	£996.58	£553.66
P10733	0.1 ml Strip Tubes (x8) without Cap, Low Profile, White	NS	125	£996.58	£553.66
P10729	0.1 ml Strip Tubes (x8) with Cap, Low Profile Tubes, White. Strip Caps (x8), Optically Clear Flat	NS	125	£1,354.18	£752.32
P10728	0.2 ml Strip Tubes (x8) with Cap, Standard Profile Tubes, White. Strip Caps (x8), Optically Clear Flat	NS	125	£1,255.70	£697.61
P10713	PCR Plates, 96-well Unskirted Standard	NS	25	£318.91	£177.17
P10714	PCR Plates, 96 Unskirted Low Profile Well	NS	25	£325.00	£180.56
P10722	PCR Plates, 96 Semi-skirted Standard Well	NS	25	£318.91	£177.17
P10716	PCR Plates, 96 Semi-skirted Standard Well	NS	10	£283.73	£157.63
P10723	PCR Plates, 384 Fully-skirted, Low Profile Well	NS	10	£296.63	£164.79
P10717	PCR Plates, 384 Fully-skirted Low Profile Well	NS	10	£361.12	£200.62
P10802	2.2 ml Deep Well Plates	NS	25	£187.59	£104.22
P10803	1.2 ml Deep Well Plates	NS	50	£185.25	£102.92

Visit www.elkaylabs.com for full specifications.



Sealing Films

Cat. No.	Product Description	Packed	List Price	Promo Price
SEA-LPLT-100	LabStuff SealPlate Sealing Film, PE, LxW: 135x80 mm. Full-width End Tabs	100	£39.00	£26.31
SEA-LPLT-PP2	SealPlate PCR Sealing Film, PP, 80 mm Wide. DNase/RNase Free. Full-width End Tabs	100	£79.00	£52.21
SEA-LPTS-RT2	SealPlate PCR Sealing Film, Optically Clear Polyester, 80 mm Wide. DNase/RNase Free. Full-width End Tabs	100	£199.00	£160.08
SEA-LPLT-GXS	SealPlate Breathable* Sealing Film, Rayon, 80 mm Wide. Medical Grade Adhesives. DNase/RNase Free. Full-width End Tabs	100	£89.00	£61.15

Visit www.elkaylabs.com for full specifications. *Suitable for cell and tissue culture applications where gas exchange is needed for growth.



ABDOS Petri Dishes, Polystyrene

Please contact us for other products within this range.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
P10901	Petri Dish, 90 x 15.8 mm, 3 Vents, Sleeves of 20	Aseptic	480	£62.17	£34.54
P10903	Petri Dish, 90 x 15.8 mm, 0 Vents, Sleeves of 20	Aseptic	480	£62.17	£34.54
P10905	Petri Dish, 90 x 15.8 mm, 3 Vents, Sleeves of 20	Gamma	480	£73.86	£41.04
P10906	Petri Dish, 90 x 15.8 mm, 3 Vents, Sleeves of 10	Gamma	480	£76.33	£42.40
P10908	Petri Dish, 90 x 15.8 mm, 0 Vents, Sleeves of 20	Gamma	480	£73.86	£41.04
P10909	Petri Dish, 90 x 15.8 mm, 0 Vents, Sleeves of 10	Gamma	480	£76.33	£42.40

Visit www.elkaylabs.com for full specifications.



ABDOS Cell Culture Dishes, Polystyrene

- DNase-, RNase-, Human DNA-, ATP-, and Pyrogen-free. CE and IVD certified
- TC version: Treated with vacuum plasma to assure uniform growth

Please contact us for other products in this range.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
P21030	35 mm Cell Culture Dish, TC, 20s	S	500	£144.07	£80.04
P21031	60 mm Cell Culture Dish, TC, 20s	S	500	£170.26	£94.59
P21032	100 mm Cell Culture Dish, TC, 20s	S	300	£157.08	£87.27
P21033	150 mm Cell Culture Dish, TC, 5s	S	100	£182.90	£101.61

Visit www.elkaylabs.com for full specifications.

ABDOS Cell Scrapers

- PP handle and HIPs blade
- DNase-, RNase-, Human DNA-, ATP-, and Pyrogen-free

Please contact us for other products in this range.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
P21040	Cell Scraper, Handle 220 mm, Blade 13 mm. Ideal for T-25/ T-75 Cell Culture Flasks, 60 mm Cell Culture Dish	S	100	£99.04	£55.02
P21041	Cell Scraper, Handle 280 mm, Blade 20 mm. Ideal for use with T-75/175/225 Cell Culture Flasks, 100 and 150 mm Cell Culture Dishes	S	100	£118.71	£65.95

Visit www.elkaylabs.com for full specifications.

See page 67 for laboratory gloves



ABDOS Cell Culture Flasks, Polystyrene

- DNase-, RNase-, Human DNA-, ATP-, and Pyrogen-free. CE and IVD certified
- Frosted writing area with clear moulded graduations
- TC version: Treated with vacuum plasma to assure uniform growth

Please contact us for other products in this range.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
P21010	25 cm ² Cell Culture Flask, Plug Seal Cap, TC, 10s	S	200	£187.93	£104.41
P21011	25 cm ² Cell Culture Flask, Vent Cap, TC, 10s	S	200	£205.31	£114.06
P21012	75 cm ² Cell Culture Flask, Plug Seal Cap, TC, 5s	S	100	£187.93	£104.41
P21013	75cm ² Cell Culture Flask, Vent Cap, TC, 5s	S	100	£205.31	£114.06
P21014	175 cm ² Cell Culture Flask, Plug Seal Cap, TC, 5s	S	40	£139.70	£77.61
P21015	175 cm ² Cell Culture Flask, Vent Cap, TC, 5s	S	40	£157.17	£87.31
P21016	225 cm ² Cell Culture Flask, Plug Seal Cap, TC, 5s	S	25	£135.34	£75.19
P21017	225 cm ² Cell Culture Flask, Vent Cap, TC, 5s	S	25	£148.43	£82.46
P22010	25 cm ² Cell Culture Flask, Plug Seal Cap, Non-Treated, 10s	S	200	£197.32	£109.62
P22011	25 cm ² Cell Culture Flask, Vent Cap, Non-Treated, 10s	S	200	£215.57	£119.76
P22012	75 cm ² Cell Culture Flask, Plug Seal Cap, Non-Treated, 5s	S	100	£197.32	£109.62
P22013	75 cm ² Cell Culture Flask, Vent Cap, Non-Treated, 5s	S	100	£215.57	£119.76
P22014	175 cm ² Cell Culture Flask, Plug Seal Cap, Non-Treated, 5s	S	40	£146.67	£81.49
P22015	175 cm ² Cell Culture Flask, Vent Cap, Non-Treated, 5s	S	40	£165.01	£91.67
P22016	225 cm ² Cell Culture Flask, Plug Seal Cap, Non-Treated, 5s	S	25	£142.10	£78.95
P22017	225 cm ² Cell Culture Flask, Vent Cap, Non-Treated, 5s	S	25	£155.84	£86.58

Visit www.elkaylabs.com for full specifications.



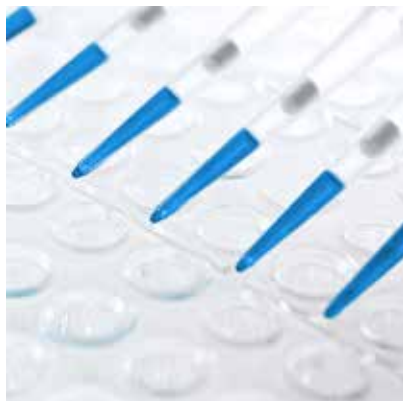
ABDOS Cell Culture Plates, Polystyrene

- DNase-, RNase-, Human DNA-, ATP-, and Pyrogen-free. CE and IVD certified
- TC version: Treated with vacuum plasma to assure uniform growth

Please contact us for other products in this range.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
P21020	6 Well Cell Culture Plate, Flat, TC	S	50	£111.22	£61.79
P21021	12 Well Cell Culture Plate, Flat, TC	S	50	£115.59	£64.22
P21022	24 Well Cell Culture Plate, Flat, TC	S	50	£115.59	£64.22
P21023	48 Well Cell Culture Plate, Flat, TC	S	50	£118.00	£65.56
P21024	96 Well Cell Culture Plate, Flat, TC	S	100	£217.87	£121.04
P21025	96 Well Cell Culture Plate, U-bottom, TC	S	100	£232.67	£129.26
P21026	96 Well Cell Culture Plate, V-bottom, TC	S	100	£232.67	£129.26
P22020	6 Well Cell Culture Plate, Flat, Non-Treated	S	50	£116.78	£64.88
P22021	12 Well Cell Culture Plate, Flat, Non-Treated	S	50	£121.35	£67.42
P22022	24 Well Cell Culture Plate, Flat, Non-Treated	S	50	£121.35	£67.42
P22023	48 Well Cell Culture Plate, Flat, Non-Treated	S	50	£123.88	£68.82
P22024	96 Well Cell Culture Plate, Flat, Non-Treated	S	100	£228.75	£127.08
P22025	96 Well Cell Culture Plate, U-bottom, Non-Treated	S	100	£244.29	£135.72
P22026	96 Well Cell Culture Plate, V-bottom, Non-Treated	S	100	£244.29	£135.72

Visit www.elkaylabs.com for full specifications.



ABDOS Roller Bottles, Polystyrene

- DNase-, RNase-, Human DNA-, ATP-, and Pyrogen-free
- Silk-printed graduations for easy identification
- TC version: Treated with vacuum plasma to assure uniform growth

Please contact us for other products in this range.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
P21060	Roller Bottles, PS, 1000 ml, Sealed, 100 ml - 150 ml*	S	24	£225.57	£125.32
P21061	Roller Bottles, PS, 1000 ml, Vent, 100 ml - 150 ml*	S	24	£244.03	£135.57
P21062	Roller Bottles, PS, 1000 ml, Sealed, 100 ml - 150 ml*	S	24	£184.55	£102.53
P21063	Roller Bottles, PS, 1000 ml, Vent, 100 ml - 150 ml*	S	24	£203.01	£112.78
P21064	Roller Bottles, PS, 2000 ml, Sealed, 180 ml - 260 ml*	S	12	£129.21	£71.78
P21065	Roller Bottles, PS, 2000 ml, Vent, 180 ml - 260 ml*	S	12	£135.35	£75.19
P21066	Roller Bottles, PS, 2000 ml, Sealed, 180 ml - 260 ml*	S	12	£121.00	£67.22
P21067	Roller Bottles, PS, 2000 ml, Vent, 180 ml - 260 ml*	S	12	£127.14	£70.63
P21068	Roller Bottles, PS, 5000 ml, Sealed, 300 ml - 400 ml*, TC	S	12	£151.74	£84.30
P21069	Roller Bottles, PS, 5000 ml, Vent, 300 ml - 400 ml*, TC	S	12	£168.16	£93.42

*Recommended medium volume.

Visit www.elkaylabs.com for full specifications.



Stericup™ Quick Release Bottles

Vacuum-driven sterile filter cup and storage units for sterilising (0.22 µm) larger volume samples. Stem cell tested Express Plus (PES) membrane for fast flow and high protein recovery. Recessed threads on cap help ensure sterility even if set face-down on bench.

- Stable and easy to grip
- Stackable receiver flasks
- Pre-filter tab built into receiver cup for hard to filter solutions*

Cat. No.	Product Description	Packed	List Price	Promo Price
S2GPU01RE	150 ml Stericup™ Quick Release Bottle + Cup, 0.22 µm, PES, Sterile	12	£160.00	£98.18
S2GPU02RE	250 ml Stericup™ Quick Release Bottle + Cup, 0.22 µm, PES, Sterile	12	£170.00	£112.32
S2GPU05RE	500 ml Stericup™ Quick Release Bottle + Cup, 0.22 µm, PES, Sterile	12	£180.00	£160.72
S2GPU10RE	1 L Bottle Cup Stericup™ Quick Release Bottle + 500 ml Cup, 0.22 µm, PES, Sterile	12	£240.00	£223.87
S2GPU11RE	1 L Bottle Cup Stericup™ Quick Release Bottle + 1 L Cup, 0.22 µm, PES, Sterile	12	£250.00	£228.18

Visit www.elkaylabs.com for full specifications. *Pre-filter must be ordered separately.

Microscope Slides and Cover Slips

Slides available with coloured frosted end. Contact us for other sizes of coverslips.

Cat. No.	Product Description	Packed	List Price	Promo Price
D100001	Plain Slide, Cut Edge, 90°	50	£2.45	£1.25
D100002	Plain Slide, Ground Edge, 45°	50	£3.23	£1.80
D100003	Twin Frosted Slide, Ground Edge, 90°	50	£4.30	£2.22
D100004	Twin Frosted Slide, Ground Edge, 45°	50	£4.35	£2.37
TJ471042241	Trajan, Series 1 Advanced Adhesive Ground Edge 90°, White	72	£26.54	£8.36
TJ473042491	Trajan Premium Slides Series 3 Adhesive, 76x26 mm, White (Large Frost 20 mm)	100	£36.09	£18.40
D102222	22 x 22 mm Square Coverslips	5 x 200	£50.16	£14.17
D102432	24 x 32 mm Square Coverslips	1000	£31.91	£25.90
D102450	24 x 50 mm Square Coverslips	1000	£43.71	£23.33

Visit www.medlinescientific.com for full specifications.



UA-Zero® Non-radioactive EM Stain

UA-Zero EM stain is a patented solution which has been developed as a direct substitute for Uranyl Acetate. UA-Zero does not contain any radioactive material and is non-toxic. UA-Zero requires no changes to standard user protocols and delivers high contrast imaging.

- No handling, storage or disposal restrictions
- Image contrast results as good as Uranyl Acetate, if not better
- No additional processing required
- Independently tested and verified



Non-radioactive, Uranium free

Cat. No.	Product Description	Packed	List Price	Promo Price
AGR1000	UA-Zero EM Stain, Bottle	25 ml	£54.95	£43.96

Visit www.agarscientific.com for full specifications.

Dumont® Tweezers

Manufactured in Switzerland, these tweezers are of the very highest quality. With an extensive range of materials, tip profile and dimensions, we have a tweezer suitable for a wide array of applications.

- High precision grade tweezers: Suitable for most laboratory and fine engineering use
- Electronic grade tweezers: Offer high quality for electronics and general-purpose use. Most of the electronic grade tweezers are coated with a coloured epoxy resin, which is insulating, shock resistant and provides better grip



Biology grade tweezers also available: Thinnest tips and ideal for the most demanding lab applications including microscopic work.

Cat. No.	Product Description	Quantity	List Price	Promo Price
AGT5034	Dumont HP Tweezers 5 Stainless Steel, 0.10 x 0.06 mm Tip	1	£26.09	£23.48
AGT506	Dumont HP Tweezers 5 Dumoxel, 0.10 x 0.06 mm Tip	1	£25.96	£20.77
AGT5268	Dumont HP Crossover Tweezers N5 Dumoxel, 0.10 x 0.06 mm Tip	1	£27.71	£22.17
AGT5032	Dumont HP Tweezers 3C, 0.17 x 0.10 mm Tip	1	£22.85	£18.28
AGT522	Dumont Tweezers 5 Electronic Tweezers, 0.06 x 0.10 mm Tip	1	£21.17	£16.94

Visit www.agarscientific.com for full specifications.

Tweezer Kits

Sets of high-quality, Swiss-made tweezers containing 5 high-precision tweezers supplied in a bespoke plastic foam wallet.

AGT5530 tweezer kits are manufactured from low carbon austenitic stainless steel, they are anti-magnetic and provide good corrosion resistance to most chemicals, salts and acids.

AGT5530D Diamond tweezer kits provide high hardness and high elasticity biocompatible coating protects tweezer tip from wear and tear. Suited for handling of hard materials, demanding sample preparation, biological, clean room and high use applications.

AGT5530T Titanium tweezer kits are antimagnetic, bio-compatible and low density (4.5 g/cm³), with a high melting point that allows use at high temperatures 870 °C (1600 °F).



Cat. No.	Product Description	Quantity	List Price	Promo Price
AGT5530	Tweezer Kit	1	£117.62	£94.10
AGT5530D	Diamond Tweezer Kit	1	£217.24	£173.79
AGT5530T	Titanium Tweezer Kit	1	£164.21	£131.37

Visit www.agarscientific.com for full specifications.



Weigh Boats, Polystyrene

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
1911103	7 ml White Diamond, Antistatic Weigh Boat, 89 x 89 x 25 mm	NS	1000	£26.39	£7.05
1911104	30 ml White Diamond, Antistatic Weigh Boat, 89x89x25 mm	NS	500	£24.51	£5.82
1911105	100 ml White Diamond, Antistatic Weigh Boat, 140x140x22 mm	NS	250	£32.05	£9.17
1911103SQ	7 ml White Square, Antistatic Weigh Boat	NS	1000	£19.18	£7.87
1911104SQ	100 ml White Square, Antistatic Weigh Boat	NS	1000	£42.07	£18.83
1911105SQ	250 ml White Square, Antistatic Weigh Boat	NS	1000	£106.87	£46.20

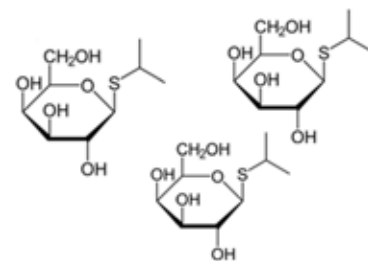
Visit www.medlinescientific.com for full specifications.



Protein Ark IPTG Expression Reagent

Used to induce protein expression where the gene is under the control of the lac operator.

- Ultrapure crystallisation-grade (>99.5% purity)
- An economical solution for ultrapure gene induction



Other volumes available, please enquire.

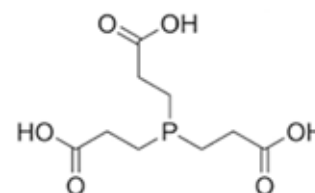
Cat. No.	Product Description	Packed	List Price	Promo Price
PAL-IPTG-1000-100	1M IPTG Solution	100 x 1 ml	£590.00	£472.00

Visit www.proteinark.com for full specifications.
*5 g, 25 g, 5 x 0.2 ml, 5 x 1 ml and 100 x 0.2 ml also available.

Protein Ark TCEP Reducing Agent

Powerful, ultrapure, and irreversible reducing agent used to cleave disulphide bridges during protein chromatography and SDS-PAGE.

- Economically priced
- Soluble in water, odourless, and non-toxic
- Does not reduce metals used in IMAC



Cat. No.	Product Description	Packed	List Price	Promo Price
GEN-TCEP-10ML	Liquid TCEP 0.5M	10 x 1 ml*	£95.00	£76.00
GEN-TCEP-1	TCEP	1 g	£47.00	£38.00
GEN-TCEP-10	TCEP	10 g	£130.00	£111.00
GEN-S-02122-5G	Ultrapure IPTG (>99.5%)	5 g	£53.00	£45.00
GEN-S-02122-25G	Ultrapure IPTG (>99.5%)	25 g	£112.00	£88.00

Visit www.proteinark.com for full specifications. *100 x 1 ml also available.

Protein Ark Pre-packed HiFliQ FPLC Column

Ready to use, high performing and compatible with all FPLC instruments.

- Fast and reliable affinity purification
- Pre-packed with Ni-Advance resin*
- High protein recoveries

For fast and reliable affinity purification.



Cat. No.	Product Description	Packed	List Price	Promo Price
HiFliQ5-Ni-Adv-5	5 ml HiFliQ Ni-Advance FPLC Columns	5 x 5 ml	£601.00	£511.00

Visit www.proteinark.com for full specifications.
*1, 10, 20, and 50 ml columns also available, and a wide variety of resins including: Ni-NTA; Co-NTA; Protein A; Protein G; GST; Heparin; Q IEX and S IEX.

Protein Ark Protein Purification Buffers

Protein Ark protein purification buffers are off-the-shelf, pre-made buffers offering convenience, quality and reproducibility.

- Convenience: Ready-to-use, 0.22 µm filter-sterilised
- Low / no batch-batch variation
- Short lead-times
- Specify pH when ordering



Customisable: Please contact us to discuss your requirements.

Cat. No.	Product Description	Packed*	List Price	Promo Price
MD2-011-PH	1M HEPES	100 ml	£93.00	£84.00
MD2-100-116	5M Sodium chloride	100 ml	£57.00	£52.00
MD2-100-54	5M Potassium formate	100 ml	£165.00	£148.00
MD2-100-91	5M Sodium nitrate	100 ml	£63.00	£57.00
MD2-100-96	2M Zinc chloride	100 ml	£63.00	£57.00
MD2-100-263	2M Urea	100 ml	£63.00	£57.00
MD2-027-PH	1M Tris	100 ml	£73.00	£66.00
MD2-059-PH	1M Sodium phosphate monobasic	100 ml	£63.00	£57.00
MD2-019-PH	1M Sodium acetate	100 ml	£63.00	£57.00
MD2-004-PH	1M Bis-Tris	100 ml	£137.00	£122.00
MD2-015-PH	1M MOPS	100 ml	£93.00	£84.00
MD2-013-PH	1M MES	100 ml	£124.00	£111.00
MD2-042-PH	1M PIPES	100 ml	£310.00	£279.00
MD2-012-PH	1M Imidazole	100 ml	£107.00	£96.00
MD2-100-190	0.5M Potassium sulfate	100 ml	£63.00	£57.00
MD2-100-119	0.5M Sodium phosphate dibasic	100 ml	£63.00	£57.00

Visit www.proteinark.com for full specifications. *Other pack sizes available, including 100, 250 and 500 ml.

Protein Ark Quick Coomassie Protein Stain

Rapid protein stain for SDS-PAGE. Quick and easy to use—simply immerse the gel in stain for one hour before storing in deionised water; protein bands appear after minutes.

- Can be used up to 3 times
- Highly sensitive: 5 to 25 ng bands resolved
- Single step procedure



Quick and easy to use!

Cat. No.	Product Description	Packed	List Price	Promo Price
GEN-QC-Stain-30ml	Quick Coomassie Stain	30 ml	£13.00	£3.00
GEN-QC-Stain-1L	Quick Coomassie Stain	1 L	£128.00	£95.00

Visit www.proteinark.com for full specifications.



Protein Ark Western Blot Substrates

Luminol-based enhanced chemiluminescent substrates which are sensitive and compatible with conducting immunoblots with horseradish peroxidase (HRP)—conjugated secondary antibodies.

PAL Pico Plus Western Blot Substrate: Suitable for detection of abundant protein. Economical with good sensitivity.

PAL Femto Plus Western Blot Substrate: Ideal for detecting less abundant proteins—even low femtograms.

Cat. No.	Product Description	Packed	List Price	Promo Price
ECL-PICO-100ML	PAL Pico Plus Western Blot Substrate	100 ml	£90.00	£72.00
ECL-FEMTO-100ML	PAL Femto Plus Western Blot Substrate	100 ml	£250.00	£200.00

Visit www.proteinark.com for full specifications.



Sweetie Jars (Waste Disposal), PET

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
870004	1500 ml Sweet Jar with Cap, Small	NS	30	£89.09	£45.48
870004H	1500 ml Sweet Jar with Cap, Biohazard Label, Small	NS	30	£95.23	£49.18
870036	3600 ml Sweet Jar with Cap, Large	NS	16	£73.72	£37.77
870036H	3600 ml Sweet Jar with Cap, Biohazard Label, Large	NS	16	£76.81	£38.73

Visit www.medlinescientific.com for full specifications.

Cat. No.	Product Description	Sterility	Packed	List Price	Promo Price
200310R	Autoclave Bag, 310x660 mm, High Temp.	NS	200	£53.24	£22.42
200311R	Autoclave Bag, 400x700 mm, High Temp.	NS	200	£63.67	£26.67
200312R	Autoclave Bag, 600x780 mm, High Temp.	NS	200	£124.69	£54.00
233039/1	Clinical Waste Bag, 76x99 cm, Yellow	NS	100	£70.11	£41.51
MD66201	Specimen Bag, 140x150x200 mm	NS	1000	£70.11	£27.20
MD66200	Specimen Bag, Printed Biohazard Label, 140x150x200 mm	NS	1000	£67.63	£31.52
120002	Absorbent Benchcoat, 50 cm x 50 m, 100 Sheets	NS	100	£154.01	£78.60

Other bags available; please enquire for more information.

Blue Nitrile Gloves, Powder-free

Blue nitrile examination gloves, 3.5 g. Chemically resistant with non-leaching anti-microbial protection. Latex -free and ambidextrous.

- Finger textured for a reliable, consistent grip
- Comply with EN455 parts 1-4. AQL 1.5
- Beaded cuff to assist with easy donning and prevent roll down



Cat. No.	Product Description	Packed	List Price	Promo Price
STERINC500954	Powder-Free Nitrile Gloves - Medium	10 x 100	£45.87	£38.00
STERINC500957	Powder-Free Nitrile Gloves - Large	10 x 100	£45.87	£38.00
STERINC500960	Powder-Free Nitrile Gloves - Extra Large	10 x 100	£45.87	£38.00

Visit www.medlinescientific.com for full specifications.

Biodegradable Violet Blue Nitrile Gloves, Powder-free

Safe for medical use and food handling. Biodegradable technology results in a quicker breakdown compared with standard nitrile gloves.* Latex-free and ambidextrous, 3.5 g.

- **Biodegradable technology kickstarts biodegradation once in landfill environment**
- Finger textured for a reliable, consistent grip
- Comply with EN455 parts 1-4. AQL 1.5
- Beaded cuff to assist with easy donning and prevent roll down



Biodegradable!

Gloves retain their properties on the shelf.**

Cat. No.	Product Description	Packed	List Price	Promo Price
STERINC500868	Biodegradable Nitrile Powder-Free Gloves - Small	10 x 100	£88.20	£69.00
STERINC500871	Biodegradable Nitrile Powder-Free Gloves - Medium	10 x 100	£88.20	£69.00
STERINC500874	Biodegradable Nitrile Powder-Free Gloves - Large	10 x 100	£88.20	£69.00
STERINC500877	Biodegradable Nitrile Powder-Free Gloves - Extra Large	10 x 100	£88.20	£69.00

Visit www.medlinescientific.com for full specifications. *ASTM testing: 90% biodegradation in 490 days. Regular nitrile can take over 100 years.

**Real-time shelf life study show gloves exceed ASTM standards for tensile strength after 3 years.

See pages 30 and 31 for cryogloves and cryo safety kits



We are Calibre Scientific



These offers are valid until 31st August 2023. Standard T&Cs apply. Prices exclude VAT and delivery, and are only valid in the UK. List prices are subject to change. E&OEEnd-user pricing only; for distributor pricing please contact: aspiller@calibrescientific.com



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