



Special pricing available until 31st August 2024.

Please contact your Regional Account Manager for more information.

Prices exclude VAT and delivery.

INSPIRATIONS

OVER 400 BUDGET STRETCHING OFFERS ON EQUIPMENT AND CONSUMABLES

Best Seller

Energy efficient ULT storage from Stirling Ultracold See p65



Save over £6000!





A CALIBRE SCIENTIFIC COMPANY



Table of Contents

4-7	Liquid Handling	42-46	Protein Structural Biology
4-5, 7	Mechanical Pipettors	43	Reagents and Biochemicals
6	Electronic Pipettors	44-45	Columns and Resins
		46	Electrophoresis Reagents
8-19	Benchtop Equipment	49-52	Cell Biology
8-9	Water Baths and Circulators	43-32 49	Aspirators Pumps
10	Ultrasonic Processors	49	Cell Density Meters
11	Hotplate Stirrers Mantels and Block Heaters	50	Cell Counters
12-13 13-14		51	Haemocytometers
15-14	Mixers and Homogenisers Shakers and Incubator Shakers	51	Microscopes
17-19	Microcentrifuges and Centrifuges	51-52	CO ₂ Incubators
23	Equipment Servicing	52-57	Lab Equipment
20-28	Instrumentation	52	Stability Chambers
20-22,		53	Ovens
24-25, 51	Microscopes and Cameras	53	Incubators
26	pH Meters	54	Drying Cabinets
27	Density meters	55-56	Freeze Dryers
27	Thermometers	57	Controlled Rate Freezers
28	Conductivity Meters	58-68	Cold Storage
28	Colorimeters	58-63	Fridges and Freezers
29-34	Reagents and Standards	64	Freezer Racking
20 0 .		65-67	ULT Freezers
35-39	Weighing	68	2D Barcoded Tube Storage
35-38	Balances		
39	Powder Weighing Cabinets	69-78	SEM, TEM and Cryo-EM
40-48	Molecular Biology	69-72	Equipment
40	Spectrophotometers	73-78	Consumables
41	Microplate Readers	78-79	Furniture
41	Thermal Cyclers	78-79	Chairs and Stools
41	Gel Documentation Systems		

47-48 PCR Cabinets







Welcome to our 2024 edition of **INSPIRATIONS**

Inspired Solutions for Academia

Save over 60% on an extensive selection of essential equipment and consumables! In this latest edition, you'll find even more unmissable offers from many brands within the Calibre Scientific portfolio.

Make your budget go further with savings on premium brands, cost-effective products, and sustainable solutions. With the help of our supplier partners, we've highlighted in green products with sustainable qualities.

Also, look out for the following icons which indicate where we can support your servicing and calibration requirements, and for complementary budget-stretching consumables deals.



Servicing, Calibration & Validation



Save on Scientific Consumables

SAVE OVER

Special pricing available until 31st August 2024.

Prices exclude VAT,

delivery and installation.

ORDER BY: 31st August 2024

Please contact your Regional Account Manager to place your order or discuss your requirements, and quote 'INSPIRATIONS24'.







SciQuip SciPette Single Channel Mechanical Pipettors

Calibrated in accordance with ISO/DIS 8655. Each pipettor passes a quality control calibration test and is supplied with an individual test certificate (with serial number). Pipettors are fully autoclavable up to 121 °C for total sterilisation and feature an integral tip ejector for access into narrow tubes.

- Lightweight ergonomic design
- Clear volume display
- Pipettor range from 0.1 μl to 10 ml
- Easy to calibrate and maintain
- Complies with ISO9001, 13485 and GLP guidelines
- Designed to avoid repetitive strain

Three year warranty and fully autoclavable!*



Save over 60%

Cat. No.	Product Description	Increments	Quantity	List Price	Promo Price
SP0010-AUTO	0.5 – 10 µl	0.1 µl	1	£136	£45
SP0020-AUTO	2 – 20 µl	0.5 µl	1	£136	£45
SP0200-AUTO	20 – 200 µl	1 µl	1	£136	£45
SP1000A-AUTO	100 – 1000 µl	5 µl	1	£136	£45

Visit www.sciquip.co.uk for full specifications, other volumes in this range and starter kits. *Except SP10000 - 2-10 ml; this is only half autoclavable.



Pipettor service checks and calibration available (on- or off-site); please contact your Regional Account Manager or service@sciquip.co.uk for more information.



Special offer on ABDOS Bulk Tips: **P10137:** 0.1-10 μl, Extended, Natural Tips, £630 for PK120,000 **P10129:** 1-200 μl, Yellow Tips, £605 for PK120,000 **P10174:** 100-1000 μl, Natural Tips, £520 for PK60,000 Other sizes available on request.



Special offer on Medline Scientific Pasteur Pipettes: **200003:** 1 ml Pasteur Pipettes, Graduated, Non-Sterile, 40 for PK5,000



SciPette Titan Pipette Controller

Light and ergonomically designed for ease of use for extended periods of time.

- Economically priced
- Suitable for plastic and glass pipettors between 1 100 ml
- Up to 8 hours of continuous use
- Easy to use one-handed operation

Large LCD

Visit www.sciquip.co.uk for full specifications.

SciQuip SciPette Plus Single Channel Mechanical Pipettors

The SciPette Plus is a high performing, durable, lightweight pipettor! Simply set your volume and lock with one click, ensuring user confidence and consistent, reliable results.

- Only 75 g our lightest fully autoclavable micropipette
- Ergonomically designed for comfort and low force to help prevent RSIs
- Easy to maintain, service and calibrate
- Filter element to reduce back flow
- Made from the best-in-class material for robustness and resistance against chemical corrosion
- Enhanced UV resistance for higher durability

Three-year warranty and fully autoclavable!



	• •

Cat. No.	Product Description	Increments	Quantity	List Price	Promo Price
SP0020-Auto+	2 – 20 µl	0.02 µl	1	£194	£90
SP0200-Auto+	20 – 200 µl	0.2 µl	1	£194	£90
SP1000A-Auto+	100 – 1000 µl	1 µl	1	£194	£90

Visit www.sciquip.co.uk for full specifications and other volumes in this range.



To discuss your calibration requirements, please contact your Regional Account Manager or email us: service@sciquip.co.uk.



Special offer on ABDOS Racked Tips and Refill Tips: **P10139:** 0.1-10 µl, Racked, Extended, Natural Tips, £705 for PK28,800 **P10140:** 1-200 µl, Racked, Yellow Tips, £665 for PK28,800 **P10155:** 100-1000 µl, Racked, Natural Tips, £580 for PK19,200 **P10118:** 0.1-10 µl, Refill, Natural Tips, £425 for PK23,040 **P10153:** 1-200 µl, Refill, Yellow Tips, £330 for PK19,200 **P10176:** 100-1000 µl, Refill, Natural Tips, £485 for PK17,280 Other sizes available on request.



Free Return Service

Sartorius Pipette Trade-In Upgrade your Pipetting and save up to 40%!

Trade in your old pipettes for a new mechanical pipette from Sartorius, and save up to 40%*. Simply select your old pipette(s) for trade-in, order your trade-in pipette, and then return your old pipette with the **free** return service.

- Sartorius pipettes are the most ergonomic on the market and are made to last, meaning fewer future replacements
- Achieve reliable and accurate pipetting results

Please contact your Regional Account Manager for more information.

*This offer is valid at list prices in the UK.



Sartorius Picus[®] 2 Electronic Pipettors

The unmatched ergonomic design of Picus® 2 reduces strain while ensuring reproducible pipetting results. Save time in the lab with easily accessible pipetting modes and customisable programs for popular applications. An intuitive design with advanced options for experienced users make this an ideal choice for everyone in the lab.

- Ergonomic one-handed operation that suits left- and righthanded users
- Adjustment wheel enables extremely fast volume setting and easy menu navigation
- Microwell Plate Tracker keep track of the next well on a 96- or 384-well plate for accurate pipetting
- Large multicolour easy-to-read display shows all information pertaining to your active pipetting step
- Electronic tip ejection effortlessly removes tips to protect your hand from unnecessary strain
- Optiload for perfect tip sealing load tips with an equal constant force to every channel
- Safety features include: Service and calibration reminders; two-level password protection; pipette locking; adjustment possibility for 1-point, 2-points and 3-point calibration
- Pipetting modes available: Pipetting, Reverse Pipetting, Manual Pipetting, Multi Dispensing, Diluting, Sequential Dispensing, Multi Aspiration, Titrating.





Cat. No.	Product Description	Quantity	List Price	Promo Price
747021	0.2-10 µl 1-channel	1	£690	£621
747041	5-120 µl 1-channel	1	£690	£621
747061	10-300 µl 1-channel	1	£690	£621
747081	50-1000 µl 1-channel	1	£690	£621
747101	100-5000 µl 1-channel	1	£690	£621
747111	500-10,000 μl 1-channel	1	£690	£621
747321	0.2-10 µl 8-channel	1	£1,090	£981
747341	5-120 µl 8-channel	1	£1,090	£981
747361	10-300 µl 8-channel	1	£1,090	£981
747391	50-1200 µl 8-channel	1	£1,090	£981
747421	0.2-10 µl 12-channel	1	£1,290	£1,161
747441	5-120 µl 12-channel	1	£1,290	£1,161
747461	10-300 µl 12-channel	1	£1,290	£1,161
747491	50-1200 µl 12-channel	1	£1,290	£1,161

Trade in offer: From only £621 when trading in your old pipette!

Visit www.elkaylabs.com for full specifications.



To discuss your calibration requirements, please contact your Regional Account Manager or email us: service@sciquip.co.uk.

Sartorius Proline[®] Plus Single Channel Pipettors

The Proline Plus pipette family offers a wide variety of both fixed and variable volume models as well as a unique combination of novel and patented features.

High quality and light pipetting forces provide a pleasant pipetting experience. The robust design is suitable for a variety of everyday laboratory applications.

- High chemical and UV resistance
- Volume setting by click stops
- Suitable for both left and right-handed use
- Compatible with a wide range of tips
- Compatible with most commonly used lab tubes due to slim tip ejector collar
- Safe-Cone Filter to prevent contamination and damage of pipette
- Only 2-3 parts to disassemble and clean
- Volume range colour-coding for easy pipette and tip selection
- Two-year warranty

Robust yet light and easy to use.

Cat. No.	Product Description	Quantity	List Price	Promo Price
728020	0.5-10 µl 1-channel	1	£212	£169
728030	2-20 µl 1-channel	1	£212	£169
728060	20-200 µl 1-channel	1	£212	£169
728070	100-1000 µl 1-channel	1	£212	£169

Visit www.elkaylabs.com for full specifications. Other sizes and multi-channel versions also available. Please contact your Regional Account Manager.

Special offer on Elkay Racked, Low Retention Filter Tips: **AER-UPIP-S96:** 10 µl Sterile Pipette Tips, £225 for PK4,800 **AER-OREF-S96:** 20 µl Sterile Pipette Tips, £225 for PK4,800 **AER-5REF-S96:** 200 µl Sterile Pipette Tips, £225 for PK4,800 **AER-STE1-A18:** 1000 µl Sterile Pipette Tips, £225 for PK5,000 Other sizes available on request.



Elkay Recycling Service

We offer a recycling service for a range of lab plastics, to help you and your lab be more sustainable.

Contact your Regional Account Manager to find out how we can help.







Nickel Electro Clifton NE2D Unstirred Water Baths

Reliable and easy-to-use, the NE2D Series unstirred digital water baths are ideal for general use in the lab.

- 3-year warranty
- Temperature range: 5 °C above ambient to 100 °C
- LED display with 0.1 °C resolution
- Temperature setting memory recovery
- Drain outlet fitted to 28 and 56 L models
- Manufactured in the UK for a lower carbon footprint



Model	NE2-4D	NE2-14D	NE2-28D	NE2-56D
Capacity (L)	4	14	28	56
External, WxDxH (mm)	332x185x290	361x332x290	538x332x290	660x540x290
Cat. No.	SQ-NE2-4D	SQ-NE2-14D	SQ-NE2-28D	SQ-NE2-56D
List Price	£777	£835	£1,115	£1,639
Promo Price	£460	£495	£655	£975

Visit www.sciquip.co.uk for full specifications. Other capacities available.



For support with laboratory equipment repairs (on- and off-site), service and calibration, please contact service@technival.co.uk.



Lab Armor[™] Beads

Dry, metal beads designed to replace water in unstirred non-shaking laboratory water baths. Compared to water, they are more resistant to bacterial growth and more convenient to use.

- Reduce the risk of contamination
- Improve energy efficiency
- Easy maintenance no evaporation
- Easy clean no biocides

Visit www.sciquip.co.uk for more information.

Grant Instruments JB Academy Unstirred Heated Water Baths

Ideal for education and those requiring a basic, simple-to-use water bath. Base tray included.

- Unique Set and Forget[®] technology fast heat-up, reliable temperature control
- Digital temperature setting/display (resolution: 0.5 °C)
- Temperature range: Amb. +5 to +95 °C (stability: ±0.5 °C)
- Single-point user calibration

Save 17% and get a FREE transparent polypropylene gabled lid.



Visit www.medlinescientific.com for full specifications.

Grant Instruments, Refrigerated/ Heating Circulating Baths

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

- Eco mode optimises performance and energy usage
- Replace tap water cooling
- Manufactured in UK
- Energy efficient with low GWP** natural R290 refrigerant
- Uses up to 80% less energy than standard compressor models
- Three-year parts and labour warranty

Save 20% and get an an extra year's warranty!



Reduce Water Usage

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
GRNTECOCOOL100R	ECOCOOL 100R -20 to 100 °C, 4.5 L	240x490x430*	£3,742	£2,995
GRNTECOCOOL150R	ECOCOOL 150R Advanced -30 to 150 °C, 5.5 L	240x490x430*	£4,321	£3,459

Visit www.medlinescientific.com for full specifications. 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). *630 mm including Optimer controller. **Global warming potential.



Repairs (on and off-site), servicing and calibration available; please contact service@technival.co.uk.







Sonics and Materials, VCX-130 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.

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

The micro cup horn accessory (630-0608)** can process small samples in isolation without probe intrusion, removing the risk of cross contamination or aerosolisation. This is especially useful when working with infectious materials.

Popular choice for processing small volumes.



Cat. No.	Product Description	List Price	Promo Price
SONVCX-130	VCX-130 Ultrasonic Processor, 130 W	£4,975	£3,595

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. **This must be ordered separately.

Sonics and Materials, VCX-750 Ultrasonic Processor

Powerful ultrasonic processor suitable for volumes up to 1 L. Programmable with 10-hour timer and pulse mode. Supplied with ½" diameter probe suitable for processing 50 to 250 ml. Compatible with a wide range of horns and accessories, the VCX-750 is suitable for almost any industrial and laboratory research applications.

The **cup horn accessory** (630-0731)* enables the user to process multiple sealed tubes or vessels at once, eliminating cross contamination, sample foaming, overheating and aerosolisation associated with ultrasonic probe use.

- Processing volume: 200 µl to 1 L**
- Wattage and energy display
- Variable power output
- Temperature monitoring
- Energy setpoint



Three-year Warranty

Cat. No.	Product Description	List Price	Promo Price
SONVCX-750	VCX-750 Ultrasonic Processor, 750 W	£7,785	£5,529

Visit www.medlinescientific.com for full specifications. *Must be ordered separately along with a sound abating enclosure. **Depending on probe and application. Accessories must be ordered separately and include: Alternative probes, support stand, sound abating enclosure, cup horn accessory, temperature probe.



Temperature calibration (on- and off-site) available; please contact service@technival.co.uk to discuss your requirements.

SciQuip Gyrostir 280H Magnetic **Hotplate Stirrer**

This entry-level hotplate magnetic stirrer is compact and affordable, whilst offering the same market leading technology and unparalleled performance as our larger hotplate stirrers.

- Heating temperature up to 280 °C •
- Stainless steel with ceramic-coated hotplate for high chemical resistance
- Speed range: 100-1500 rpm; capacity: 3 L H₂O
- Built-in plate temperature probe
- Two-year warranty



Cat. No.	Product Description	List Price	Promo Price
SP2230-280H	Gyrostir 280H Magnetic Hotplate Stirrer	£328	£170
Vicit way a colouin could for fu	II specifications		

Visit www.sciquip.co.uk for full specifications.

SciQuip Gyrostir 380H Magnetic **Hotplate Stirrer**

High resolution LCD displays actual temperature and speed.

- Max. heating temperature is 380 °C
- Brushless DC motor is maintenance free •
- Aluminium cover with ceramic work plate
- Speed range: 200-1500 rpm
- Two-year warranty

Stir up to 5 L H₂O



Cat. No.	Product Description	List Price	Promo Price
SP2255-380H	Gyrostir 380H Magnetic Hotplate Stirrer	£438	£244

Visit www.sciquip.co.uk for full specifications. Larger capacity and multi-position models also available.

We provide off-site repairs for a wide variety of benchtop equipment. Please contact service@technival.co.uk for more information.



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

Contact enquiries@medlinescientific.com to find out more.



Medline Scientific Controlled Analogue Heating Mantles

Energy-regulated, all-purpose heating mantle allows stable control of the heating element, reducing risk of overheating liquids. Dial controller allows accurate temperature settings and integrated retort rod holder accommodates a range of accessories.

- Element temperature: Up to +450 °C
- Steel case with chemical resistant coating
- Nichrome wire heating element

With integrated retort rod to accommodate accessories.



Cat. No.	Product Description	List Price	Promo Price
E1005	50 ml Controlled Heating Mantle	£171.82	£65
E101N	100 ml Controlled Heating Mantle	£174.26	£85
E102N	250 ml Controlled Heating Mantle	£182.25	£95

Visit www.medlinescientific.com for full specifications. Digital, stirred and multi-position models also available.

SciQuip Digital Dry Block Heater

With its array of thermo-blocks, it's ideal for molecular biology, histology, clinical, environmental and industrial laboratories.

- Extra-large block provides double the sample capacity
- Temperature range: Ambient up to 120 °C
- Continuous or timer operation
- 15 block options covering all common tubes
- Over-temperature protection
- 2-year warranty

All units are supplied with x1 FREE heating block; 15 options available (ranging from 0.2 ml to 50 ml tube blocks and blocks suitable for 94/384 microplate). Please specify at time of ordering.



Get 1 Free Block

Cat. No.	Product Description	List Price	Promo Price
SP2280	H Digital Dry Block Heater	£459	£210

Visit www.sciquip.co.uk for full specifications.



Special offer on Medline Scientific Microtubes and Screw Caps: **409220:** 2 ml Skirted Microtube, without Cap, £90 for PK5,000 **409601:** Screw Cap with O Ring, Natural, £75 for PK5,000



Please contact us for information on repairs (off-site) and temperature calibration—both single and multi-point (on- and off-site): service@technival.co.uk.

Please contact your Regional Account Manager to request a quotation.

SciQuip Thermo Mix

The **SciQuip Thermo Mix** series allows for precise and efficient shaking and mixing, as well as excellent temperature accuracy and uniformity. Ideal for a wide range of applications, such as gene synthesis, gene purification gene and protein denaturation, enzymatic reaction, bacterial growth and more.

- Thermo Mix HM: Ambient to +100 °C
- Thermo Mix HCM: Ambient -25 to +100 °C
- Efficient mixing up to 1500 rpm
- Excellent temperature uniformity
- Programmable controller and TFT screen
- Compatible with various tubes
- Two-year warranty

All units are supplied with x1 FREE heating block; 15 options available (ranging from 0.2 ml to 50 ml tube blocks and blocks suitable for 94/384 microplate). Please specify at time of ordering.

Cat. No.	Product Description	List Price	Promo Price
SP2315	Thermo Mix HM with Heating and Mixing	£1,326	£825
SP2312	Thermo Mix HCM with Heating, Mixing and Cooling	£2,299	£1,323

Visit www.sciquip.co.uk for full specifications. Accessory attachments must be ordered separately.

Please contact us for information on repairs (off-site) and temperature calibration—both single and multi-point (on- and off-site): service@technival.co.uk.

SciQuip Dry Vortex Mixers

Fantastic value for money and outstanding quality. Torque sensors keep a constant speed regardless of load, ensuring perfect vortexing within the vessel. A heavily weighted base and sophisticated silicone damping keep noise and vibration to an absolute minimum. The fixed vortex mixer is set to 2500 rpm, perfect for the vast majority of applications.

- Touch or continuous operation
- 4 mm orbit
- Multiple applications with additional accessories, microtubes, test tubes, microplates



Visit www.sciquip.co.uk for full specifications. Accessory attachments must be ordered separately.



We can help with off-site repairs for a wide variety of benchtop equipment. Please contact service@technival.co.uk for more information.



Get 1 Free Block







SciQuip Tube Roller

Gentle yet highly effective agitation for preventing blood coagulation and maintaining liquid-solid suspensions.

- 6 roller bars 5 positions
- Bars roll and rock with 24 mm off-centre cams at the rear
- Wide speed range for all applications: 0-70 rpm
- Continuous operation



Cat. No.	Product Description	List Price	Promo Price
SP2270	Tube Roller, Basic	£496	£205

Visit www.sciquip.co.uk for full specifications. Pro model also available with LCD display and timer.



Special offer on Medline Scientific Test Tubes and Caps: **300800:** 12x75 mm Polystyrene Test Tube, £390 for PK20,000 **305802:** Cap to fit 12 mm Diameter Tube, £280 for PK20,000



We provide off-site repairs for a wide variety of benchtop equipment. Please contact service@technival.co.uk for more information.

IKA Ultra-Turrax[®] T 18 Digital Disperser

Dispersing instrument for volumes from 1 ml to 1500 ml water. Offering a wide speed range of 500 rpm to 25000 rpm, users can work at high circumferential speeds, even with small rotor diameter. Broad choice of stainless steel dispersing elements allows for a wide range of applications and easy cleaning (must be ordered separately).

- Electronic speed control and overload protection
- Error code display
- Quiet operation

Digital speed display.



Cat. No.	Product Description	List Price	Promo Price
4AJ-9570944	ULTRA-TURRAX® T 18 Digital Disperser, 230 V, 50/60 Hz	£1,567.41	£1,450

Visit www.medlinescientific.com for full specifications. Required accessories, including dispersing tools, stands, boss head clamp and strap clamp, must be ordered separately.

SciQuip LED Digital Orbital Shaker

A selection of different platforms are available, making this shaker ideal for use with culture flasks, Petri dishes, Erlenmeyer flasks, bottles and other vessels.

- 20 mm orbit
- Speed range: 40-200 rpm
- Electronic adjustment of speed and timer
- Over speed detection and protection





Great quality and value for money.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
SP2250-LED-03	LED Digital Orbital Shaker, Max. Load 3 kg	270x330x110	£642	£270

Visit www.sciquip.co.uk for full specifications. Supplied with grip map platform as standard. A wide range of attachments are available, and must be ordered separately. Larger models and linear versions also available.

SciQuip Premium Compact Benchtop Shaking Incubator, Stackable

Features a compact design with small footprint, making it a great choice for laboratories with limited space.

Ideal for any shaking application requiring controlled temperature for microbiology, cell biology, cell culture, tissue culture, biochemistry and environmental engineering.

- Temperature range: +4 to +60 °C
- Speed range: 30-300 rpm
- Orbit: 1-50 mm with stepless adjustment
- Large touchscreen display
- USB interface, and 50 mm access port
- Two-year warranty

Accommodates flasks up to 5 L.



Stackable

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
SQ-4040	Premium Compact Benchtop Incubated Shaker	840x764x625	£10,675	£5,550

Visit www.sciquip.co.uk for full specifications. Supplied with pre-drilled flask clamp platform as standard and 1 static shelf. Other platforms, clamps and other accessories must be ordered separately.



Special offer on Medline Scientific Polystyrene Universal Containers: **309205FL:** 30 ml Container, Printed Label and Flow Seal Cap, £110 for PK2,000



Special offer on Medline Scientific Bijou Containers: **129202:** 7 ml Container, Sterile, No Label, £150 for PK3,500



We can support with temperature calibration traceable to UKAS and mapping (on-site), plus repairs and servicing; please contact service@technival.co.uk.



SciQuip Benchtop Incubated Shakers

SciQuip shaking incubators are lab workhorses and provide "set and forget" programmable operating conditions and precise temperature performance for a variety of molecular biology techniques. Audible and visual alarms will alert the operator for set point deviations. The refrigerated model uses CFC-free refrigerant and is Ozone layer friendly.

- Temperature range:
 - MINI and MIDI: Ambient +4 to +70 °C
 - MAXI: +4 to +70 °C
- Speed range: 25-600 rpm
- Orbit: 1-50 mm with stepless adjustment
- Powerful triple eccentric drive and microprocessor control
- User-friendly sealed control panel
- Large, easy-to-read LC display
- Timer from 1 min to 500 hrs, continuous
- Soft start with smooth acceleration
- Auto restart following power interruption
- Two-year warranty

Clear visbility of inner chamber from all angles.





Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
MINI SQ-4010	Incu-Shake MINI Incubated Shaker	440x410x390	£3,202	£1,597
MIDI SQ-4020	Incu-Shake MIDI Incubated Shaker	600x580x520	£3,637	£2,150
MAXI SQ-4030	Incu-Shake MAXI Refrigerated Incubated Shaker with Printer	774x740x610	£6,634	£3,395

Visit www.sciquip.co.uk for full specifications. Supplied with pre-drilled flask clamp platform as standard and 1 static shelf. Other platforms, clamps and other accessories must be ordered separately.





SciQuip - 1st Ranked Supplier to the LUPC Laboratory Equipment Framework

SciQuip is proud to be the highest ranked Supplier to the LUPC Laboratory Equipment Framework Agreement (LAB5061 LU) 2021-2025.

The LUPC framework is accessible to all universities and research institutes, supporting their supplier choices by providing reputable products, fixed commercial terms, detailed technical data and energy information, additional discounts and more.

SciQuip is the first ranked supplier in 8 of the 9 lots awarded, including: Centrifuges, Environmental Control, Measurement, Environmental Storage, Fridges and Freezers, General Equipment, Environmental Monitoring Systems and Laboratory Equipment One Stop Shop.

Plus, SciQuip scored 92.5% for quality, sustainability, ethical trading and the environment during the LUPC tender process, by far the highest ranking.

Find out more on our website sciquip.co.uk.

SciQuip SciSpin Mini Microfuge

Designed, manufactured and tested to deliver the ultimate service in quick spin-downs.

- Max. capacity: 8 x 1.5/2.2 ml
- Fixed speed: 7000 rpm / 2680 xg
- Supplied with adapters for 0.2 ml and 0.5 ml tubes
- Easy to use with dual start/stop function

Lightweight and convenient.



Only £95!

Cat. No.	Product Description	List Price	Promo Price
SS-6051	SciSpin Mini Microcentrifuge with Green Lid and Rotors for 8 x 1.5 / 2.2 ml and 16 x PCR Tubes	£242	£95
SS-6050	SciSpin Mini Microcentrifuge with Blue Lid and Rotors for 8 x 1.5 / 2.2 ml and 16 x PCR Tubes	£242	£95

Visit www.sciquip.co.uk for full specifications.



See page 18 for offers on microcentrifuge tubes.

SciQuip High Speed Microcentrifuge

Ideal for quick spins, micro-filtration of samples, cell separations and many other routine laboratory procedures.

- Max. capacity: 36 x 2 ml
- Max. speed: 10,000 rpm (7490 xg)
- Accommodates 12 x 0.5/1.5/2 ml tubes and 4 x PCR8 strips, as well as 44 x 0.2 ml PCR tubes
- DC Motor Drive: Ensures smooth and quiet operation
- Safe and durable rotor

OLED Display for easy speed and time settings.

Lightweight

Cat. No.	Product Description	List Price	Promo Price
SS-6055	High Speed Microcentrifuge with Rotor	£380	£153

Visit www.sciquip.co.uk for full specifications.



For information on centrifuge and microcentrifuge repairs, calibration and servicing, please contact service@technival.co.uk.





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. Temperature adjustment: -10 °C to +40 °C.

- 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 10 programs
- Large number of accessory rotors available
- Two-year warranty

Compact and powerful!



10 Programs

Cat. No.	Product Description	List Price	Promo Price
90616	Sigma 1-14 Microcentrifuge with 24x1.5/2.2 ml PP Rotor with Sealable Lid	£1,795	£898
10020-P2	Sigma 1-14K Refrigerated Microcentrifuge with 24x1.5/2.2 ml Aluminium Rotor and Snap-on Lid	£4,998	£2,995

Visit www.sciquip.co.uk for full specifications.

Sigma 1-16K Microcentrifuge

Features a fan control capability that allows the user to adjust fan speed to align with the necessary cooling capacity, lowering noise levels by up to 60% and reducing power consumption. Simple operation.

- Max. capacity: 36 x 2 ml
- Maxi. RCF speed >20,600 g
- Guaranteed ≤+4 °C at maximum speed with all rotors
- Timer: 10 sec to 99 min: 59 sec / continuous run / short run
- Clear display and 10 programs
- Compatible with Biosafe certified rotors (12120 and 12136)
- Two-year warranty

Low-maintenance stainless steel bowl.



Eco Mode!

Cat. No.	Product Description	List Price	Promo Price
1004691	Sigma 1-16K Refrigerated Microcentrifuge Package, includes 24x1.5/2.0 ml Biosafe Rotor (12120)	£6,972	£4,450

Visit www.sciquip.co.uk for full specifications. Other rotors must be ordered separately.



Special offer on Medline Scientific Microtubes: 900007: 0.4 ml Microtube, 'Beckman Type', £140 for PK10,000 200400SP: 1.5 ml Microtube, 'Flat Top', £78 for PK10,000

Sigma 3-16L and 3-16KL Benchtop Centrifuges

Compact, general purpose centrifuge offering high performance and a large number of compatible rotors and accessories for maximum versatility. The patented one-knob controller with illuminated function keys is highly practical. Low noise level.

3-16KL: The pre-cooling function "Rapid Temp" allows the centrifuge chamber and accessories to be cooled to a defined temperature. Temperature adjustment: -10 °C to +40 °C. Achieves 4 °C at maximum speed.

- 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
- 50 programs
- Low-maintenance stainless steel bowl
- Automatic rotor recognition
- Window in lid for external speed monitoring
- Two-year warranty



IVD Version Available

Please contact info@sciquip.co.uk for a customised quotation. Quote 'INSPIRATIONS24' to receive your 25% discount off list price.

Special offer on ABDOS Screw Cap Conical Centrifuge Tubes and Petri Dishes: 3088-00P: 15 ml, Conical Centrifuge Tube, Assembled, £450 for PK5,000 2092-00P: 50 ml, Conical Centrifuge Tube, Non Assembled, £520 for PK5,000 P10901: Petri Dish, 90x15.8 mm, 3 Vents, Aseptic, £165 for PK2,400

Sigma 6-16KS Benchtop Centrifuge

Designed for universal deployment, the Sigma 6-16 series of centrifuges is suitable for a wide variety of routine and research applications. Along with high throughput with fixed-angle and swing-out rotors, they feature impressive RCF values up to 25,419 g. The pre-cooling function and temperature adjustment: -20 °C to +40 °C.

- Maximum capacity of 4 x 800 ml
- Speed range up to 15,000 rpm; 25,419 g
- Automatic rotor recognition
- Window in lid for external speed monitoring
- Various angle and swing-out rotors available
- Pneumatic swing support for easy lid opening
- Low-maintenance stainless steel bowl
- Two-year warranty



Please contact info@sciquip.co.uk for a customised quotation. Quote 'INSPIRATIONS24' to receive your 25% discount off list price.



For information on centrifuge and microcentrifuge repairs, calibration and servicing, please contact service@technival.co.uk.



KERN OZL-465 and OZL 466 Stereo Zoom Microscopes

The KERN OZL-46 series of stereo zoom microscopes will impress you with their easy handling, flexibility as well as their stability and economical price.

Strong, continuously dimmable LED ring illumination in the objective housing ensures uniform, shadow-free illumination. An LED transmitted light variant is also included.

- Robust and ergonomic stand base ensures safe and comfortable working
- Continuous total magnification of 7x 45x

Integrated 3 W LED ring illumination.



Economical

Cat. No.	Product Description	List Price	Promo Price
OZL 465	Binocular Stereo Zoom Microscope with Ring Illumination	£710	£435
OZL 466	Trinocular Stereo Zoom Microscope with Ring Illumination	£765	£465

Visit www.sciquip.co.uk for full specifications. Supplied with HWF 10×/Ø 20 mm, 3 W LED. Also available with an integrated handle.

KERN OZP 556 Stereo Zoom Microscope

With an impressive magnification range and robust, ergonomic shape, the OZP 556 enables effortless and simple working over a period of several hours.

- Brilliant resolution provide sharp, high-contrast, colour-true images
- Pillar stand offers flexible and sturdy adjustment for ergonomic working
- Available with strong, continuously adjustable 3 W LED reflected and transmitted light for optimal sample illumination
- Continuous total magnification of 6x 55x

Large working distance and extra-large field of view.



Cat. No.	Product Description	List Price	Promo Price
OZP 556	Binocular Stereo Zoom Microscope	£1,697	£1,033

Visit www.sciquip.co.uk for full specifications. Supplied with 3 W LED Reflected and Transmitted Light.



LVL Technologies SAFE[®] Cap 8 Channel HH Semi Automated Handheld/Decapper

Process a full rack of SAFE® 2D barcoded screw capped tubes quickly and efficiently with this 8 channel, semi-automated, handheld capper and decapper.

- Ergonomic design
- 8 individual motors
- Applies or removes SAFE caps on racked tubes

Discover more on www.elkaylabs.com.

KERN OBL 127 and OBL 137 Compound Microscopes

The OBL series stands out through its infinity optical unit and is therefore ideally suited for all demanding transmitted illumination applications. The robust and ergonomic stand base guarantees safe and comfortable working.

- Simplified Koehler illumination
- 3 W LED illumination

Large mechanical stage holds up to two samples; quick and easy to focus.



Cat. No.	Product Description	List Price	Promo Price
OBL 127	Binocular Compound Microscope	£1,176	£715
OBL 137	Trinocular Compound Microscope	£1,331	£810

Visit www.sciquip.co.uk for full specifications. Supplied with Inf E-Plan 4/10/40/100x; WF10x20; 3 W LED. Version for fluorescence also available.



Please contact us for information on microscope servicing and repairs (on-site): service@technival.co.uk.

KERN OBN 132 Professional Compound Microscope

An excellent and stable laboratory microscope for all common routine applications for impressive images. Equipped with wide field eyepieces with a large field of view, diopter adjustment on both sides, and infinity corrected plan achromatic objectives.

• Professional Koehler illumination unit with adjustable field diaphragm

Extremely large mechanical stage with ergonomic, coaxial coarse and fine focusing knob for rapid and accurate sample adjustment.



Cat. No.	Product Description	List Price	Promo Price
OBN 132	Professional Compound Trinocular Microscope	£1,863	£1,100

Visit www.sciquip.co.uk for full specifications. Supplied with infinity corrected achromatic objectives 4/10/20/40/100x; WF 10×20 mm; 20 W Halogen. 3 W LED illumination version also available.



Special offer on Deltalab Wooden Shaft, Cotton Tip Swabs: **300230S:** Sterile Swab, Bulk Packed, £50 for PK10,000 **300250.2:** Sterile Swab, in Transport Tube, £500 for PK5,000



KERN OCM Compound Inverted Microscope

The OCM range stands out through its design which is ergonomic, robust, and extremely stable.

- Halogen illumination provides optimal bright field illumination
- Trinocular eyepiece tube included as standard

Large working distance ideal for cell culture monitoring and analysis.



Cat. No.	Product Description	List Price	Promo Price
OCM 161	OCM 161-2022e Inverted Transmitted Light Microscope	£4,202	£2,500

Visit www.sciquip.co.uk for full specifications. Supplied with Plan Achromatic Objectives 4/10/20/40x; HWF 10×/Ø 22 mm; 30 W Halogen. Version for fluorescence also available.



Please contact us for information on microscope servicing and repairs (on-site): service@technival.co.uk.

KERN ODC 241 Microscope Tablet Camera

A 2-in-1 solution in digital microscopy as a universal system for trinocular microscopes with C-mount adapter*. The ODC 241 microscope-tablet-camera consists of a large Android tablet in combination with a 5 MP camera.

- Data storage on a USB stick or SD card
- Connection to a USB mouse
- Transfer of the live image to an external screen using HDMI
- Transfer of stored data to external receivers using WLAN



Tablet with integrated camera for optimal sample monitoring and digital documentation.

Cat. No.	Product Description	List Price	Promo Price
ODC 241	ODC-2 Microscope Tablet Camera	£1,231	£740

Visit www.sciquip.co.uk for full specifications. *C-mount adapter must be ordered separately.



Special offer on Medline Scientific Inoculating Loops: **302770:** 1 µl Inoculating Loop, £100 for PK10,000 **302775:** 10 µl Inoculating Loop, £100 for PK10,000

Equipment Servicing, Calibration and Validation from TechniVal

We specialise in the installation, servicing, repair, on-site calibration and validation of an extensive range of laboratory and production equipment across the pharmaceutical, biotechnology and healthcare sectors.

From ovens, autoclaves, freezers and glasswashers to centrifuges, balances and pipettes, we support a wide range of equipment. We also cover cold rooms, blood bank equipment, plus alarm, water and LN₂ systems.

All our services are undertaken by highly trained engineers. Visit www.technival.co.uk for further information.

In addition to installation and maintenance solutions, we can help you achieve reliable and repeatable results with a full suite of calibration and validation services.

Our calibration services are:

- Performed in line with manufacturer recommendations and various regulatory standards
- Executed following standard operating procedure with certification issued

Capabilities:

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

Parameters include temperature, humidity, airflow, speed, pressure and more.

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

For more information, please contact us: 0845 0034247 | info@technival.co.uk | www.technival.co.uk



ISO 9001 Accredited



Competitive Pricing



Bespoke Packages





Olympus Microscopes

We offer a full range of Olympus microscopes suitable for cell culture, clinical applications and research requirements. Please contact your Regional Account Manager if you would like to discuss your application or to request a quotation.

CKX53 Inverted Microscope

Designed from the ground up to be the best microscope for routine cell culture applications. 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
- Trinocular with a photo port
- CKX3-SLP slider, pre-centred for all magnification

Applications: Ideal for variety of cell culture needs, including live cell observation, cell sampling and handling, image capture and optional fluorescence observation.

Small footprint and UV-resistant coating–Ideal for placing in sterile work benches. Basic system with 4x, 10x, 20x, and 40x objectives starts from around £5,685.



Please contact your Regional Account Manager to request a quotation.

IX73 Inverted Microscope

Designed to suit a variety of research requirements. Part of Olympus' IXplore range which are designed to be adapted as needs change, and to provide accurate, reproducible images and data.

- Modular design that can be upgradeable to develop along with your research
- Can be configured with DIC (differential interference contrast)
- Possible to upgrade to motorised condenser, stage, fluorescence turret or objectives
- Olympus long-working distance objectives support workflows that include plastic-bottom dishes, eliminating the need to subculture in glass-bottom dishes



Modular Design

Applications: An efficient system suitable for documentation, routine testing, and other research tasks.

Available as a one-deck or two-deck system with additional modules for expanded functionality, the IX73 is ideal for a changing research environment.





Quintuple Nosepiece

BX43 Upright Microscope

A fully flexible system, ideal for many applications. Modular components, such as observation tubes, nosepieces, stages and objectives, allow easy customisation to suit your application and future flexibility.

- True colour LED illumination optimised for pathology applications
- Light Intensity Manager sets correct light level for each magnification, reducing eye fatigue and improving work efficiency

Applications: The true colour LED illumination is designed specifically for clinical samples such as HandE stained tissue and the UIS2 optics ensure excellent optical performance for flat images.



Light Intensity Manager

20,000 hour LED life time with low power consumption for reduced running costs. Prices start from around £8,500.



Please contact your Regional Account Manager to request a quotation.

BX53 Upright Microscope

This modular microscope can be customised for different observation methods, such as phase contrast, DIC and fluorescence. Its long life LED illuminator is equivalent to or better than a 100 W halogen lamp.

X Line objectives available with improved flatness, numerical aperture, and chromatic aberration to deliver clear, high-resolution images with better colour accuracy across the entire spectrum.

- LED illuminator enables viewing of purple, cyan, and pink colours—important in clinical research applications
- High performance, long use life LED lighting, for clinical applications can be configured with up to 24 additional heads off one frame
- For research applications the powerful LED works seamlessly with light hungry contrast techniques like DIC
- Upgrade to motorised components

Applications: Clinical research applications, including phase contrast and fluorescence microscopy.

X Line objectives eliminate violet colour aberration to create clear whites and vivid pinks—Improving contrast and sharpness.



Please contact your Regional Account Manager to request a quotation.



For information on microscope servicing and repairs, please contact: service@technival.co.uk.



Modular Design



SciQuip Standard Benchtop pH Meter

Features 3-point calibration and automatic temperature compensation.

- 1 to 3 points push-button calibration
- Automatic electrode slope display
- Easy to use with large LCD



On-site calibration available; please contact service@technival.co.uk.



Cat. No.	Product Description	List Price	Promo Price
SQ-7060	Standard Benchtop pH/mV/°C/°F Meter	£806	£375

Visit www.sciquip.co.uk for full specifications. Supplied with P11 Glass pH Electrode, Temperature Probe, and pH Buffer Pouches (pH4.01/7.00/10.01).

SciQuip Precision Benchtop pH Meter

Features 5-point calibration, automatic temperature compensation with an accuracy of 0.002 pH.

- High accuracy
- Large backlit LCD screen
- 1 to 5 points push-button calibration
- Selectable pH buffer standards
- Automatic electrode slope display
- Calibration reminder prompts



Cat. No.	Product Description	List Price	Promo Price
SQ-7061	Precision Benchtop pH/mV/°C/°F Meter	£1,208	£560

Visit www.sciquip.co.uk for full specifications. Supplied with P11 Glass pH Electrode, Temperature Probe, and pH Buffer Pouches (pH4.01/7.00/10.01).

SciQuip Multi Parameter Benchtop pH Meter

Features 5-point calibration, automatic temperature compensation with an accuracy of 0.002 pH.

- High accuracy
- Large backlit LCD screen
- Ion mode with 2-5 calibration points
- 1 to 5 points push-button calibration
- Selectable pH buffer standards



Cat. No.	Product Description	List Price	Promo Price
SQ-7062	Precision Benchtop pH/mV/°C/°F Meter	£1,458	£676

Visit www.sciquip.co.uk for full specifications. Supplied with P11 Glass pH Electrode, Temperature Probe, and pH Buffer Pouches (pH4.01/7.00/10.01) and Power Adapter.



See pages 30-32 for pH standards and solutions for electrode maintenance.

Mettler Toledo Densito Handheld **Density Meter**

Robust, handheld density meters for mobile use. Perfect for rapid and accurate routine measurements in quality assurance.

- Easy handling and user guidance
- Automatic sampling pump and temperature control
- Available measurement scales: API, Baumé, Brix, density, • Ethanol, H2SO4, proof (US and IP), Plato, specific gravity, user-defined concentration

Memory for up to 1100 results.

Cat. No.	Product Description	List Price	Promo Price
4AJ-6291652	Densito Handheld Density Meter	£2,667.50	£2,595

Visit www.medlinescientific.com for full specifications.

EBRO TTX 200 Thermometer

Thermometer with measuring range of -30 °C to +199.9 °C with fixed probe and large display.

- Easy to use
- Fast measurements, high accuracy •
- Robust and impact resistant
- Replaceable CR 2450 battery



Cat. No.	Product Description	List Price	Promo Price
4AJ-6291272	TTX 200 Thermometer	£96	£85
Visit www.medlinescientific	com for full specifications. Supplied with sensor, cable and handle		

ww.medlinescientific.com for full specifications. Supplied with sensor, cable and handle



On-site calibration available; please contact service@technival.co.uk.



Mettler Toledo Electrochemistry Systems

Mettler Toledo's portfolio includes a wide range of pH, ORP, conductivity, ion and oxygen meters that provide accurate results for both laboratory and field applications.

- Intuitive and easy to use
- Benchtop and portables models
- Large selection of high quality and specialised sensors

Contact your Regional Account Manager to find out more.



WTW ProfiLine Cond 3310 Portable Conductivity Meter Kit

Comfortable and versatile, with waterproof (IP 67) housing and completely sealed silicone membrane keypad with tactile feedback. Separate battery compartment allows for easy exchange of standard alkaline or rechargeable batteries.

- Backlit graphics display
- Suitable for a wide range of conductivity cells
- GLP-supporting functions
- Automatic and manual temperature compensation
- Measures conductivity, salinity, TDS and specific resistance

Time controlled, data logger and 5000 GLP-compliant record memory.

Cat. No.	Product Description	List Price	Promo Price
X-2CA301	Cond 3310 Portable Conductivity Meter Kit	£1,167.30	£1,095

Visit www.medlinescientific.com for full specifications. Kit includes the meter, conductivity probe TetraCon 325, carry case, and accessories.

Biochrom Ultrospec 35c Colorimeter

Perfect for lab or field-based work and can be used in industry, environmental studies, or remote locations where colorimetric testing is vital. Measures the absorbance and transmission of liquid samples to determine molecular concentration.

Accepts 10 x 10 mm cuvettes and 10, 12* and 16 mm test tubes.

- 4.3" colour touchscreen for easy workflow
- Robust LED light source
- User-selectable wavelengths of 450, 500, 520, 540, 600 and 640 nm
- Versatile and portable



NEW!

Cat. No.	Product Description	List Price
80-3008-00	Ultrospec 35c Colorimeter	£1,249

Visit www.medlinescientific.com for full specifications. Supplied with power adapter, 1 pack of x8 cuvettes and operating manual. *Adapters required for 10/12 mm test tubes.



On-site calibration available for electrochemisty meters, please contact: service@technival.co.uk.









Manufactured and certified in accordance with the requirements of ISO 17034. Conductivity CRM range covers 20 μ S/cm to 10,000 μ S/cm. Existing range of ISO 17025 Conductivity Standards covers 1.3 μ S/cm to 500,000 μ S/cm.

- Directly traceable to the NIST standard reference materials. Products meet the specification requirements of all the major Pharmacopoeias
- Accurate to $\pm 1\% \mu$ S/cm of target value
- Aqueous based, thereby eliminating any errors attributable to matrix mismatch
- Manufactured to exacting specifications with an extended shelf life and stability
- Low temperature coefficient of variation, reduces measurement errors and enables non-temperature controlled use and is suitable for field work
- Consistency of product—Independent, Traceable, Certified

NEW ISO 17034 range covers 20 µS/cm to 10,000 µS/cm!

Cat. No.	Product Description	PK	List Price	Promo Price
Conductivity Sta	ndards ±1% at 25 °C NIST Values ISO 17	034 CRMs		
CRMCSKC20	20 µS/cm	500 ml	£237.20	£170
CRMCSKC50	50 μS/cm	500 ml	£237.20	£170
CRMCSKC84	84 µS/cm	500 ml	£60.26	£40
CRMCSKC100	100 µS/cm	500 ml	£237.20	£170
CRMCSKCS	147 µS/cm	500 ml	£60.26	£40
CRMCSKC200	200 µS/cm	500 ml	£237.20	£170
CRMCSKC500	500 μS/cm	500 ml	£237.20	£170
CRMCSKC1000	1000 µS/cm	500 ml	£237.20	£170
CRMCSKCL	1413 µS/cm	500 ml	£60.26	£40
CRMCSKC2M	2000 µS/cm	500 ml	£237.20	£170
CRMCSKC3M	3000 μS/cm	500 ml	£237.20	£170
CRMCSKC5M	5000 µS/cm	500 ml	£237.20	£170
CRMCSKC10M	10,000 µS/cm	500 ml	£237.20	£170





Reagecon pH Buffer Standards Certified Reference Materials (CRMs)

Manufactured and certified in accordance with the requirements of ISO 17034.

- ISO 17034 accreditation requirements include raw material characterisation; homogeneity and stability studies; assignment of certified values as well as packaging and documentation control
- Directly traceable to the IUPAC pH scale by an unbroken chain of traceability. Reagecon achieves this traceability through a series of comparisons, with the key reference materials being Standard Reference Materials (SRMs) manufactured by NIST
- Manufactured to exacting specifications with an extended shelf life and stability
- Product lot number and expiry date are available on the product label for user convenience
- Consistency of product—Independent, Traceable, Certified

Cat. No.	Product Description	PK	List Price	Promo Price
pH Buffer Stando	ards at 20 °C NIST Values ISO 17034	CRMs		
CRM103788	рН 3.788	500 ml	£39.10	£25
CRM104001	рН 4.001	500 ml	£39.10	£25
CRM106881	рН 6.881	500 ml	£39.10	£25
CRM107429	рН 7.429	500 ml	£39.10	£25
CRM109225	рН 9.225	500 ml	£39.10	£25
CRM110062	рН 10.062	500 ml	£39.10	£25

NEW ISO 17034 range covers pH 1.697 to pH 12.00!

Due donet Disconstruction

Cat. No.	Product Description	PK	List Price	Promo Price
nH Buffer Standa	urds at 25 °C DIN 19266 ISO 1	7034 CRMs		

рп Бинег Зтанас	1105 UL 25 C DIN 19200 ISO 17034 C	RIVIS		
CRM101679	рН 1.679	500 ml	£39.10	£25
CRM103776	рН 3.776	500 ml	£39.10	£25
CRM104005	pH 4.005	500 ml	£39.10	£25
CRM10687	pH 6.865	500 ml	£39.10	£25
CRM107413	pH 7.413	500 ml	£39.10	£25
CRM109180	рН 9.180	500 ml	£39.10	£25
CRM110012	pH 10.012	500 ml	£39.10	£25

Cat Na



Reagecon pH Buffer Standards Certified Reference Materials, continued

Cat. No.	Product Description	PK	List Price	Promo Price
pH Buffer Standa	ards at 25 °C DIN 19267 ISO 17034 C	CRMs		
CRM103065	рН 3.06	500 ml	£52.38	£35
CRM104655	рН 4.65	500 ml	£37.42	£25
CRM106795	рН 6.79	500 ml	£37.42	£25
CRM109235	рН 9.23	500 ml	£37.42	£25

Cat. No.	Product Description	РК	List Price	Promo Price
pH Buffer Standa	ards at 20 °C High Resolution Colour	Coded ISO 1	L7034 CRMs	
CRM104000C	pH 4.000	500 ml	£39.53	£25
CRM107000C	рН 7.000	500 ml	£39.53	£25
CRM110000C	рН 10.000	500 ml	£39.53	£25
pH Buffer Standa	ards at 25 °C High Resolution Colour	Coded ISO 1	L7034 CRMs	
CRMH40525C	рН 4.000	500 ml	£39.53	£25
CRMH70525C	рН 7.000	500 ml	£39.53	£25
CRMH100525C	рН 10.000	500 ml	£39.53	£25

Cat. No.	Product Description	PK	List Price	Promo Price
pH Buffer Stando	ards at 25 °C Technical Colour Coded	ISO 17034	CRMs	
CRMTB401	рН 4.01	500 ml	£35.01	£25
CRMTB460	рН 4.60	500 ml	£35.01	£25
CRMTB700	рН 7.00	500 ml	£35.01	£25
CRMTB921	рН 9.21	500 ml	£35.01	£25
CRMTB100	рН 10.00	500 ml	£35.01	£25







Reagecon Electrode Care and Maintenance

In addition to pH Buffer Solutions, Reagecon manufactures a complete range of products designed to clean, refill, regenerate and store your pH electrodes.

Cat. No.	Product Description	РК	List Price	Promo Price
OECS	Electrode Cleaning Solution Organic	500 ml	£43.14	£30
ECS	Electrode Cleaning Solution Pepsin-Hydrochloric Acid	500 ml	£55.58	£40
IECS5	Electrode Cleaning Solution Thiourea-Hydrochloric Acid	500 ml	£76.41	£50
EFSLIET	Electrode Filling Solution 1M LiCl Dissolved in Ethanol	100 ml	£25.68	£20
EFS3	Electrode Filling Solution 3M KCI Free from Silver Ion	100 ml	£41.69	£30
EFS4	Electrode Filling Solution 4M KCl	100 ml	£55.51	£40
LKCL	Electrode Filling Solution Saturated Potassium	100 ml	£28.12	£20
ERS	Electrode Regeneration Solution	100 ml	£30.02	£20
ESS5	pH Electrode Storage Solution	500 ml	£62.54	£45



ISO Compliant

Pettecheck Pipette Service and Calibration

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

- ISO-8655:2022 compliant calibration
- All pipettes are dismantled, cleaned inside and outside, functional tested and leak tested
- Both on-site and off-site services available

To find out more, please contact your Regional Account Manager or email service@sciquip.co.uk.



Reagecon Sucrose in Water (Brix) Standards Certified Reference Materials (CRMs)

Manufactured and certified in accordance with the requirements of ISO 17034.

Product measurement uncertainty is computated on a batch to batch basis, guaranteed to never exceed ± 0.15 °Brix. These products are used primarily either as a calibrant or analytical control solution in Refractive Index based methods of Brix value determinations, they can also be used to validate appropriate test methods or qualify a refractometer for use in a regulated industry.

- Extended shelf life 20 weeks (manufactured in accordance with ICUMSA guidelines)
- Can be used with any brand of refractometer
- Presented in a convenient high quality dropper bottle

NEW ISO 17034 range covers 1-60% mass/mass!

Cat. No.	Product Description	РК	List Price	Promo Price
Sucrose in Wate	r (Brix) ISO 17034 CRMs			
BS05	5%	15 ml	£80.81	£60
BS07	7%	15 ml	£80.81	£60
BS10	10%	15 ml	£80.81	£60
BS112	11.2%	15 ml	£80.81	£60
BS115	11.5%	15 ml	£80.81	£60
BS12	12%	15 ml	£80.81	£60
BS125	12.5%	15 ml	£80.81	£60
BS15	15%	15 ml	£80.81	£60
BS20	20%	15 ml	£80.81	£60
BS25	25%	15 ml	£80.81	£60
BS30	30%	15 ml	£80.81	£60
BS35	35%	15 ml	£80.81	£60
BS40	40%	15 ml	£80.81	£60
BS45	45%	15 ml	£80.81	£60
BS50	50%	15 ml	£80.81	£60
BS55	55%	15 ml	£80.81	£60
BS60	60%	15 ml	£80.81	£60









Reagecon Refractive Index Standards

Manufactured and certified in accordance with the requirements of ISO 17034.

These Refractive Index Standards (Stabilised Sucrose) represent excellent value for users that are not required to follow ICUMSA Guidelines. These products are used either as a calibrant or analytical control material for use in Refractive Index based methods for Refractive Index determination.

- Extended shelf life One year
- High accuracy ± 0.00014 nD units Refractive Index Stabilised Sucrose
- Can be used with any brand of refractometer
- Presented in a convenient high quality dropper bottle

Cat. No.	Product Description	PK	List Price	Promo Price
Refractive Index	x Standard at 20 °C			
RIBS00S	1.33299 nD units	15 ml	£130.76	£100
RIBS05S	1.34026 nD units	15 ml	£130.76	£100
RIBS07S	1.34325 nD units	15 ml	£130.76	£100
RIBS10S	1.34782 nD units	15 ml	£130.76	£100
RIBS112S	1.34968 nD units	15 ml	£70.69	£55
RIBS115S	1.35015 nD units	15 ml	£186.98	£145
RIBS12S	1.35093 nD units	15 ml	£70.69	£55
RIBS125S	1.35171 nD units	15 ml	£70.69	£55
RIBS20S	1.36384 nD units	15 ml	£130.76	£100
RIBS25S	1.37233 nD units	15 ml	£135.97	£100
RIBS13810S	1.3810 nD units	15 ml	£216.88	£160
RIBS30S	1.38115 nD units	15 ml	£130.76	£100
RIBS13828S	1.3828 nD units	15 ml	£216.88	£160
RIBS13850S	1.3850 nD units	15 ml	£216.88	£160
RIBS35S	1.39032 nD units	15 ml	£103.22	£80
RIBS40S	1.39986 nD units	15 ml	£69.99	£50
RIBS45S	1.40978 nD units	15 ml	£130.76	£100
RIBS50S	1.42009 nD units	15 ml	£70.69	£55
RIBS55S	1.4308 nD units	15 ml	£130.76	£100
RIBS60S	1.44193 nD units	15 ml	£130.76	£100

KERN EMB Precision Standard Balances

Entry-level laboratory balance with tremendous weighing performance.

- Simple and convenient 2-key operation
- Tare function facilitates formulation work
- Particularly flat design
- Ready for use: Batteries included
- Hook for underfloor weighing standard

Easy to clean and maintain.



•	•	0	0	
	•	0	•	
			0	
				ŏ
			-	
				•

Model	EMB200-3*	EMB 1200-1	EMB 2000-2
Capacity (g)	200	1200	2000
Resolution (g)	0.001	0.1	0.1
Pan size (mm)	ø82	ø150	ø150
Calibration	External	External	External
Cat. No.	EMB 200-3	EMB 1200-1	EMB 2000-2
List Price	£301	£99	£299
Promo Price	£170	£55	£165

Visit www.sciquip.co.uk for full specifications. *Supplied with small plastic draught shield. Other models in range: 100 g to 5200 g capacities available. Available as KERN EMB 500-1BE Black Edition.

KERN EMS Basic Precision Balances

Entry-level model in the low-cost range with large weighing plate.

- Particularly flat design
- Especially suitable for use in schools and universities, for example for biology, chemistry and physics
- Ergonomically optimised keypad with large keys and a high-contrast LCD

Shock proof weighing plate.



Model	EMS 300-3*	EMS 3000-2	EMS 12K0.1
Capacity (g)	300	3000	12000
Resolution (g)	0.001	0.01	0.1
Pan size (mm)	ø105	W×D 175×190	W×D 175×190
Calibration	External	External	External
Cat. No.	EMS 300-3	EMS 3000-2	EMS 12K0.1
List Price	£371	£348	£299
Promo Price	£210	£182	£162

Visit www.sciquip.co.uk for full specifications. *Supplied with small draught shield. Other models in range; please enquire for more information.



On-site servicing, calibration and repairs available; please contact service@technival.co.uk.



KERN PCB Precision Balances

The standard in the laboratory, ideal for a wide range of applications for Industry 4.0.

- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- With the recipe function, you can weigh the different ingredients of a mixture. As a check, you can also call up the total weight of all the ingredients
- Plus/minus weighing procedures

Freely programmable weighing unit.



Save up to 45%

Model	PCB 200-3*	PCB 3000-2	PCB 6000-1
Capacity (g)	300	3600	6000
Resolution (g)	0.001	0.01	0.1
Pan size (mm)	ø82	W×D 175×190	W×D 175×190
Calibration	External	External	External
Cat. No.	PCB 200-3	PCB 3000-2	PCB 6000-1
List Price	£394	£405	£348
Promo Price	£235	£240	£192

Visit www.sciquip.co.uk for full specifications. *Supplied with small plastic draught shield. A variety of interface adapters are available. Other models in range; please enquire for more information.

KERN EWJ Precision Balances

High-quality precision balance with bargraph display to show how much of weighing range is still available.

Automatic internal adjustment, time-controlled every 2 h, guarantees high degree of accuracy and makes the balance independent of its location.

- Easy to use: All primary functions have their own key on the keypad
- USB and RS232 interfaces

Large backlit LCD display.

Model	EWJ 300-3*	EWJ 6000-1M**
Capacity (g)	300	6000
Resolution (g)	0.001	0.1
Pan size (mm)	ø80	W×D 175×190
Calibration	Internal	Internal
Cat. No.	EWJ 300-3	EWJ 6000-1M
List Price	£695	£567
Promo Price	£410	£335

Visit www.sciquip.co.uk for full specifications. EC type approval available. *Supplied with small glass draught shield. Version with 3 sliding doors also available. **Cost effective version available without data interfaces. Other models in range; please enquire for more information.


KERN ADB Analytical Balances

Cost effective analytical balance with external calibration and RS232 interface. Large glass draught shield with 3 sliding doors.

Adjusting program CAL for quick setting of the balance accuracy using an external test weight.

- Optimised price performance ratio, ideal for laboratories, universities and schools
- The wired display device can be adjusted flexibly to suit the ergonomic requirements of the user or the workplace
- Keypad designed for left- and right-handed users
- Large backlit LCD screen, digit height 19.6 mm
- RS232 interface

Simple 6-key operation.

Model	ADB 100-4	ADB 200-4
Capacity (g)	120	220
Resolution (mg)	0.1	0.1
Pan size (mm)	ø90	ø90
Calibration	External	External
Cat. No.	ADB 100-4	ADB 200-4
List Price	£965	£1,140
Promo Price	£595	£680

Visit www.sciquip.co.uk for full specifications. All models supplied with glass draught shield. Optional ioniser available.



On-site servicing, calibration and repairs available; please contact service@technival.co.uk.



Triple Door Models

Caron LED Plant Growth Chambers

Model the natural world in any lab with the Caron LED Plant Growth Chambers, offered in a range of chamber sizes, heights and light intensities to suit your requirements. GBrite™ LED technology delivers effective and reliable performance with low energy consumption and heat production.

- Easy to use and maintain
- gBrite™ LED technology Choose from full-range white or optional 4-colour LED elements
- Six different multiple tier configurations available
- Wide range of accessories: humidity control system, digital and analogue outputs for remote monitoring, and more

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



Save up to £461!

Please contact your Regional Account Manager to request a quotation.



KERN ABP Analytical Balances

Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results.

Extremely fast ionization process, thanks to the latest generation of KERN ionization technology to neutralise electrostatic charge.

Automatic internal adjustment in the case of a change in temperature \geq 1 °C or time controlled every 4 h.

- Navigation pad for super quick navigating through the menus
- Luminescent OLED display, USB and RS232 interfaces
- Permissible ambient temperature 10 °C/30 °C

Highest level of precision with large weighing ranges.



38% Off!

Model	ABP 100-5M	ABP 200-5M	ABP 300-4M	ABP 100-5DM
Capacity (g)	135	220	320	52/120
Resolution (mg)	0.01	0.01	0.1	0.01/0.1
Pan size (mm)	ø91	ø91	ø91	ø91
Calibration	Internal	Internal	Internal	Internal
Cat. No.	ABP 100-5M	ABP 200-5M	ABP 300-4M	ABP 100-5DM
List Price	£5,264	£7,519	£3,471	£3,772
Promo Price	£3,205	£4,699	£2,160	£2,300

Visit www.sciquip.co.uk for full specifications. All models supplied with glass draught shield. *Versions with automatic sliding doors also available.

KERN ALJ Analytical Balances

Analytical balances with a large weighing range, graphics display and user-friendly recipe weighing function. Large glass draught shield with 3 sliding doors. Internal calibration.

Model ALJ 210-5A is a single-range semi-micro balance with high resolution.

- Compact size, practical for small spaces
- Percentage determination: Makes it possible to store a given weight value (100%) and to determine deviations from this target value
- Weighing with tolerance range, ideal for portioning, dispensing, grading
- RS232 interface

Ergonomically optimised keypad for left- and right-handed users.



Model	ALJ 160-4A	ALJ 210-5A	ALJ 310-4A	ALJ 500-4A
Capacity (g)	160	210	310	510
Resolution (mg)	0.1	0.01	0.1	0.1
Pan size (mm)	ø80	ø80	ø80	ø80
Calibration	Internal	Internal	Internal	Internal
Cat. No.	ALJ 160-4A	ALJ 210-5A	ALJ 310-4A	ALJ 500-4A
List Price	£2,031	£2,603	£2,025	£2,858
Promo Price	£1,145	£2,520	£1,115	£1,669

Visit www.sciquip.co.uk for full specifications. All models supplied with glass draught shield.

Caron Products Precision Powder Handling Cabinets

Very small footprint and excellent all-round vision. Incorporates HEPA filtration technology and protects the operator from particles whilst weighing and handling powders.

- Excellent 360° visibility
- Hinged access flap for easy access to interior
- Service access port in rear panel
- Manufactured in UK

Suited for weighing with a precision balance (to 3 decimal places).

Supplied without a PVC base.





Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
BIGFX0603-4	600 mm Cabinet	820x570x1145	£4,640	£3,770

Visit www.medlinescientific.com for full specifications. Installation and commissioning not included. Black PVC base tray optionally available.



See pages 35-36 for precision balances

Caron Products Analytical Powder Handling Cabinets

Incorporates HEPA filtration technology and protects the operator from particles whilst weighing and handling powders.

- Excellent 360° visibility and trapezium access
- Double hinged lockable doors for easy access to interior
- Services access port in each side panel
- Manufactured in UK

Suited for weighing with an analytical balance (to 4 decimal places).

Supplied with black PVC base.



Low Airflow Alarm

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
BIGXP0804-4	800 mm Cabinet	820x570x1145	£7,440	£6,045
BIGXP1004-4	1000 mm Cabinet	1020x570x1145	£8,180	£6,649
BIGXP1206-4	1200 mm Cabinet	1220x570x1145	£9,270	£7,530
BIGXP1506-4	1500 mm Cabinet	1520x570x1145	£9,480	£7,705

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





Special offer on Brand[™] Cuvettes and Caps: **759150:** Semi Micro UV Cuvette, 3.0 ml, 220-900 nm, £330 for PK1,000 **759240:** Round Cuvette Cap, Blue, £120 for PK1,000



Equipment for Molecular Biology from Labtech

Since 2002 Labtech has been the UK home of the Thermo Fisher Scientific NanoDrop[™] range. Our experienced applications and technical teams have unrivalled knowledge in microvolume sample quantification.

NanoDrop Lite Plus Microvolume Spectrophotometer

The latest addition to the NanoDrop range, a compact standalone system with integrated touchscreen interface. The durability, data quality and usability you expect from NanoDrop, in a simplified and more affordable version. The ideal choice for routine microvolume nucleic acid and purified protein quantification / purity assessment in teaching, research or industry.

- Familiar 'pipette, measure and wipe' workflow
- Obtain sample concentration, 260:280 and 260:230 ratios in <5 seconds per sample
- Measure up to 1,500 ng/µl dsDNA or 45 mg/ml BSA without the need for dilution
- Save up to 1,000 measurements locally and export to a USB drive

Accurate and affordable quantification

NanoDrop One and OneC Microvolume Spectrophotometers

Copurified contaminants can inhibit enzymes in downstream applications or artificially inflate the reported concentration, resulting in insufficient template being used. The unique Acclaro chemometric technology found in the One/OneC is able to identify and correct for key contaminants, reducing the likelihood of failed reactions and time consuming troubleshooting.

- Broad wavelength range (190-850 nm) for maximum assay flexibility
- Measure up to 550A (27,500 ng/ µl dsDNA or 820 mg/ml BSA) without dilution
- Ergonomic tilt / slide high resolution touchscreen interface no need for a PC
- Auto blank and auto measure by simply lowering the sample arm
- DNA/RNA differentiation without the need for fluorescent dyes
- NanoDrop OneC includes an integrated cuvette reader for greater assay flexibility including kinetics

A clearer insight into sample quality

NanoDrop Eight Microvolume Spectrophotometer

The advanced sample intelligence capabilities of the NanoDrop One, but in a higher throughput, PC controlled, system. Identify and correct for copurified contaminants with DNA/RNA differentiation.

- Quantify 8, microlitre samples in <20 seconds or a whole 96 well plate in <6 minutes
- Ergonomic ambidextrous pipetting and auto blank / measure
- Optional 21 CFR part 11 compliant SciVault software and easy data export into LIMS packages
- Quantify up to 10,000 ng/µl dsDNA or 145 mg/ml lgG samples without the need for dilution

Intelligent sample analysis, eight samples at a time





Byonoy Absorbance 96 Microplate Reader

The world's most compact absorbance reader provides accurate data and long term durability.

- Compact for easy movement between labs or storage when not in use
- 96 individual detectors allow a full microplate to be read in as little as 5 seconds
- LED illumination and solid state design (no moving parts) for a long, maintenance-free service life
- Powerful yet intuitive software for PC/mac with comprehensive analysis and exporting capabilities
- Choose 4 wavelengths between 400-1000 nm to fit your application needs

Ultra compact footprint (10 x 15 cm)

Cat. No.	Product Description	List Price	Promo Price
ABS-MHA-01	Byonoy Absorbance Microplate Reader	£3,995	£3,595

Visit www.labtech.co.uk for full specifications.

labTAQ Curio Thermal Cycler

A durable and high performance single block thermal cycler, at a very attractive price point.

- Compatible with 96 well PCR plates, individual or strip 0.2 ml PCR tubes
- Clear 8 inch colour touchscreen interface and user-friendly software
- Auto-adjusting heated lid, provides optimal sealing pressure and minimises evaporation
- High quality Peltier elements for reproducible results and reliability

Gradient feature for easy temperature optimisation

Cat. No.	Product Description	List Price	Promo Price
LQ-CURIO-96	CURIO™ Thermal Cycler	£3,995	£2,750

Visit www.labtech.co.uk for full specifications.

Vilber E-Box Gel Documentation System

Celebrating their 70th anniversary this year, Vilber is the European molecular imaging leader. Their E-BOX is a standalone gel documentation system providing market leading sensitivity and durability.

- Scientific grade 16 bit camera with motorised zoom lens
- Autofocus, auto exposure and automatic lighting control for ease of operation
- Variable angle 12.6 inch high resolution touchscreen and integrated PC
- Robust all metal construction, 2-year warranty and long term parts support
- Please select from UV or Blue LED transilluminator when ordering

Cat. No.	Product Description	List Price	Promo Price
1611-2600-1	E-Box Gel Documentation System	£6,950	£5,950

Visit www.labtech.co.uk for full specifications.





Protein Ark IPTG Expression Reagent

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

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

Other volumes available, please enquire*.



•	0	0	•
•	0		
	lacksquare	0	
		• 0	

Cat. No.	Product Description	Quantity	List Price	Promo Price
GEN-S-02122-25G	Ultrapure IPTG	1 x 25 g	£112	£78

Visit www.proteinark.com for full specifications. 5 g, 5 x 0.2 m, 5 x 1 m, 100 x 1 m and 100 x 0.2 m 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	Quantity	List Price	Promo Price
GEN-TCEP-10	TCEP, 10 g	1 x 10 g	£130	£91
GEN-TCEP-10ML	Liquid TCEP	10 x 1 ml	£95	£67
GEN-TCEP-100ML	Liquid TCEP	100 x 1 ml	£383	£268

Visit www.proteinark.com for full specifications.

Protein Ark Additional Biochemicals

High value and high purity biochemicals from The Protein Company.

- DL-Dithiothreitol reducing agent to cleave disulphide bridges
- L-Rhamnose monohydrate for induction of protein expression in bacteria
- Antibiotics including Kanamycin and Gentamycin for protein expression



Cat. No.	Product Description	Quantity	List Price	Promo Price
PAL-1199C-25G	DL-Dithiothreitol, 99%	1 x 25 g	£163.05	£130
PAL-1712C-50G	L-Rhamnose monohydrate	1 x 50 g	£36.30	£29
PAL-7939A-25G	Gentamicin sulfate	1 x 25 g	£144.90	£116
PAL-0531A-100G	Kanamycin monosulfate salt	1 x 100 g	£144.90	£116

Visit www.proteinark.com for full specifications.

Please contact your Regional Account Manager to request a quotation.



Protein Ark Proteus Mini Clarification Spin Columns

Ideal for HPLC, FPLC, NMR and MS sample preparation and filtration after purification / concentration.

- Clarifies small volumes between 10-650 µl
- Small dead-stop-volume < 5 μl
- Low protein binding PVDF membrane

Fits all standard microfuges.



Cat. No.	Product Description	Quantity	List Price	Promo Price
GEN-MSF500	Proteus Mini Clarification Spin Column Pack	100	£171.92	£138

Visit www.proteinark.com for full specifications. Also available in 30 ml bottles.

Protein Ark Pre-packed HiFliQ FPLC Columns

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

- Fast and reliable affinity purification
- Pre-packed with Ni-Advance, Ni-NTA, Protein A and Protein G resin*
- High protein recoveries

For fast and reliable affinity purification.



Cat. No.	Product Description	Quantity	List Price	Promo Price
HiFliQ1-Ni-Adv-1	1 ml HiFliQ Ni Advance	1 x 1 ml	£51.85	£41
HiFliQ1-Ni-Adv-5	1 ml HiFliQ Ni Advance	5 x 1 ml	£168	£127
HiFliQ1-NiNTA-1	1 ml HiFliQ Ni-NTA	1 x 1 ml	£46.82	£36
HiFliQ1-NiNTA-5	1 ml HiFliQ Ni-NTA	5 x 1 ml	£140	£104
HiFliQ1-PA-1	1 ml HiFliQ Protein A	1 x 1 ml	£138.25	£97
HiFliQ1-PA-5	1 ml HiFliQ Protein A	5 x 1 ml	£383.55	£268
HiFliQ1-PG-1	1 ml HiFliQ Protein G	1 x 1 ml	£139.79	£98
HiFliQ1-PG-5	1 ml HiFliQ Protein G	5 x 1 ml	£416	£291

Visit www.proteinark.com for full specifications. *5, 10, 20, and 50 ml columns also available, and a wide variety of resins including: Co-NTA; GST; Heparin; Q IEX and S IEX.

Protein Ark Fastback Ni Advance Resin

Designed for faster purification of secreted proteins using clarified culture media directly.

- Requires fewer steps than conventional workflow
- Works in your protocol, regardless of sample origin, whether eukaryotic (insect, yeast, HEK293 or CHO) or prokaryotic (E.coli), secreted or intracellular
- Resistant to EDTA (up to 20 mM) and DTT (up to 20 mM)





Cat. No.	Product Description	Quantity	List Price	Promo Price
Fastback-Ni-Adv-25	Fastback Ni Advance Resin	1 x 25 ml	£325.52	£244.00

Visit www.proteinark.com for full specifications.

Protein Ark ProteoSEC Size Exclusion Columns

16/60 and 26/60 Size Exclusion Columns for FPLC systems*.

- Resin is a co-polymer of Dextrose and agarose for identical Superdex[™] S75 and S200 performance
- Packed with 3-70 kDa high resolution preparative grade resin**



Cat. No.	Product Description	Quantity	List Price	Promo Price
SEC-D-16/60-3-70	ProteoSEC Dynamic Size Exclusion Column (16 mm ID; 60 cm length, 3-70 kDa HR resin)	1	£1,274	£892
SEC-D-26/60-3-70	ProteoSEC Dynamic Size Exclusion Column (26 mm ID; 60 cm length, 3-70 kDa HR resin)	1	£2,040	£1,482

Visit www.proteinark.com for full specifications. *11/30 size exclusion columns also available. **1-10 kDa, 6-600 kDa and 6-5000 kDa. resins also available.



Special offer on ABDOS High Profile Strip Tubes: **P10727:** 0.2 ml Strip Tubes (x8) with Optically Clear Flat Cap, £1550 for PK6,250



Protein Ark Elite Pre-stained Protein Ladder

- High-intensity, 3-colour MW determination
- Ultra-clear and expanded MW range (6.5-240 kDa)
- Up to 100% electro-transfer efficiency



Cat. No.	Product Description	Quantity	List Price	Promo Price
PAL-EPL-2500	Elite Pre-stained Protein Ladder	10 x 2.5 ml	£580	£406

Visit www.proteinark.com for full specifications.

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	Quantity	List Price	Promo Price
GEN-QC-Stain-1L	Quick Coomassie Stain	1 x 1 L	£128	£90

Visit www.proteinark.com for full specifications. Also available in 30 ml bottles.

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	Quantity	List Price	Promo Price
ECL-PICO-100ML	PAL Pico Plus Western Blot Substrate	2 x 50 ml	£90	£72
ECL-FEMTO-100ML	PAL FEMTO Plus Western Blot Substrate	2 x 50 ml	£250	£200

Visit www.proteinark.com for full specifications.

Grant Instruments, PCR Cabinet

Economical, general purpose PCR UV cabinet for carrying out short-term PCR procedures. Open UV lamp disinfects working area chamber, inactivating DNA/RNA fragments, and switches off automatically on door opening. Built in UV cleaner-recirculator prevents unwanted contamination and protects users from direct UV light during manipulation.

- High intensity UV cleaner 25 m³/hour cleaner-recirculator continuous air flow with 1 cm UV irradiation distance
- UV exposure controlled by 24 h digital timer
- White lamp for local illumination of workplace and optimised visual control during operations
- Supplied ready assembled with 1 x inlet and 1 x internal power socket



Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
UVT-B-AR UK	Economy UV/PCR Cabinet	690x585x556	£2,508	£2,010
A Particular and a state of the second for a fill and a state of the second s				

Visit www.medlinescientific.com for full specifications.



Special offer on ABDOS PCR Plates:

P10713 Unskirted Standard PCR Plates, 96-well, £805 for PK500 **P10722** Semi-skirted Standard PCR Plates, 96-well, £805 for PK500 **P10723** Fully-skirted Low Profile PCR Plates, 96-well, £745 for PK2,500

Grant Instruments General Purpose PCR UV Cabinet

Efficient, general-purpose stainless steel PCR UV cabinet designed for clean operations with DNA samples, providing protection against contamination. Equipped with high efficiency flow-type bacterial UV cleaner-recirculator, providing constant decontamination. UV cleaner-recirculator increases maximum density of UV light, making the unit effective for DNA/RNA inactivation.

- UV surface irradiation via single 25 W 254 nm open UV lamp
- UV protective film on glass panels
- Convenient, easy-to-use digital timer for accurate control of UV exposure
- Irradiated UV light automatic switch-off on door opening
- Front opening with three adjustable positions for ease of access
- Supplied ready assembled with 1 x inlet and 1 x power socket

Built-in, patented UV cleaner-recirculator.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
UVC/T-M-AR UK	General Purpose UV/PCR Cabinet	690x515x535	£3,074	£2,460
Visit www.medlinescientific.com.for.full.specifications				





Grant Instruments Large Capacity PCR UV Cabinet

Large capacity, stainless steel PCR UV cabinet workstation. Additional space allows for equipment and accessories for more comfortable and convenient work in PCR applications. High efficiency flow-type bacterial UV cleaner-recirculator provides constant decontamination and increases maximum density of UV light, making the unit effective for DNA/RNA inactivation.

- Robust construction with large 1.2 m x 0.52 m working area
- Dual 30 W, 254 nm UV lamp for UV surface irradiation
- UV-protective film on glass panels
- Built-in UV cleaner-recirculator
- UV exposure controlled by 24 h digital timer
- Supplied ready assembled with 1 x inlets and 3 x internal power sockets

Large 1.2 m x 0.52 m working area.



Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
UVT-S-AR UK	Large Capacity UV/PCR Cabinet	1245x585x585	£4,400	£3,520
Visit www.medlinescientific.com for full specifications.				

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!



Save £1,251

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	£6,690	£5,439

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

SciQuip SciPette Aspi-Vac Safety Vacuum Aspiration System

Ideal for the safe removal of hazardous waste such as the removal of media from cell cultures, supernatants from centrifugation or wash solutions from immune-assay well-plates.

- Vacuum power can be set to different levels
- 2 Litre waste collection bottle
- Wide range of adapters
- Two-year warranty

Integrated pump with vacuum control.



Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
SP3080	Vacuum Aspiration System Package	180x240x450	£1,151	£605

Visit www.sciquip.co.uk for full specifications. Supplied complete with accessories. Other accessories available include: PPCO Vacuum Bottles, Single-needle, Long Type Needle, 8-channel Needle, Tip Detrusion Adapter, 8-channel Tip Detrusion Adapter, Filter, Single Channel Tip Ejector.



Special offer on ABDOS TC Flask, Canted Neck: **P21013:** TC Flask, PS, Vented/Filter Cap, Growth Area 75 cm², £520 for PK500



Repairs and vacuum verification (off-site) available; please contact service@technival.co.uk.

Biochrom Ultrospec 30 Cell Density Meter

Generate and save cell condition-specific standard curves using absorbance values or McFarland standards. Perfect for easy movement around the lab.

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

- Compact, portable, and easy-to-use with touchscreen display
- 40 nm spectral bandwidth
- Export measurement data via CSV



Cat. No.	Product Description	List Price
80-3008-01	Ultrospec 30 Cell Density Meter	£1,249
Visit www.medlinescientific.com	for full specifications. Supplied with power adapter 1 pack of x8 cuvettes	

Visit www.medlinescientific.com for full specifications. Supplied with power adapter, 1 pack of x8 cuvettes and operating manual. *Adapters required for 10/12 mm test tubes.





Equipment for Cell Biology from Labtech

Labtech is proud to be the exclusive UK distributor for the multi award-winning LUNA automated cell counters from Logos Biosystems. Our experienced applications team is here to advise on the best model for your needs, and to provide ongoing technical and applications support.

Logos Biosystems LUNA II Brightfield Automated Cell Counter

A powerful and easy-to-use automated brightfield cell counter, with liquid lens autofocus for reproducible counting of cell lines. Advanced declustering algorithms detect individual cells within clusters, ensuring accurate data even with clumpy cell types.

- Intuitive yet powerful software provides cell size data, cluster maps and protocol optimisation
- Choose from low cost disposable slides, or the innovative LUNA reusable slide
- Export data via USB drive in CSV, TIFF or PDF report formats

Compact (16 x 18 cm) footprint fits into busy cell culture labs

Cat. No.	Product Description	List Price	Promo Price
L40002	LUNA II Brightfield Automated Cell Counter	£2,995	£2,695

Visit www.labtech.co.uk for full specifications.

Logos Biosystems LUNA FL Dual Fluorescence Automated Cell Counter

An automated system that ensures accurate viability data for even the most challenging cell types e.g., PBMCs. Nuclear staining using AO / PI counts cells excludes debris and non-nucleated cells.

- Export data via USB drive in CSV, TIFF or PDF report formats
- Brightfield optics for cell sizing or routine cell line counting using Trypan Blue

Accurate data regardless of mammalian cell type

Logos Biosystems LUNA FX7 Dual Fluorescence Automated Cell Counter

When accuracy is critical, rely upon the LUNA FX7: A SelectScience Best New Life Science Product award winner, with the latest optical and software innovations. An expanded concentration range ($1x10^4$ to $5x10^7$ cells/ml) provides flexibility for a wide range of applications from single cell sequencing to CAR-T dosing. Large counting volumes (up to 5.1 µl).

- Precision autofocus and optimised algorithms for a CV as low as 1%
- Count up to 8 samples on a slide, or use the 3 channel slide for triplicates
- Validation slides and integrated QC software for ongoing monitoring and validation of performance

Unmatched accuracy with unrivalled flexibility



Please contact us to request a quotation or to discuss your application: sales@labtech.com





Baker ReCO2ver Plus Rapid Recovery CO2 Incubator

ReCO2ver provides precision control over the environmental conditions that your cells need to thrive, whilst delivering unprecedented recovery after they have been interrupted. Ultrasonic active humidification allows accurate control of RH levels, minimises condensation even at >90% RH levels, and reduces evaporation / edge effects on plates.

- Rapid recovery (<6 minutes) to set point for temperature, CO2 and humidity after door opening
- HEPA filter and uniform downflow airflow rapidly sweep away and collect contaminants
- H2O2 vapour decontamination system for effective decontamination with minimal downtime
- Integrated CO2 switchover unit with two inlets

Absolute Precision. Maximum Protection

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
1560503	Rapid Recovery CO2 Incubator	683x673x1029	£10,995	£9,895

Visit www.labtech.co.uk for full specifications.

NanoEntek C-Chip Disposable Haemocytometers

Ideal for teaching, research or clinical environments. Minimise exposure to potentially hazardous samples. With two counting chambers per slide.

• High quality, quartz grade optical plastic with clear grid patterns

Precise volume control, easy to use

Cat. No.	Product Description	Quantity	List Price
DHC-F01	C-Chip, Neubauer Improved (NI)	50	£99
DHC-N01	C-Chip, Fuchs-Rosenthal (FR)	50	£99

Visit www.labtech.co.uk for full specifications.

zenCELL owl Brightfield Digital Microscope

A compact 24-channel brightfield digital microscope for incubator or workstation use. Carry out long term cell imaging under optimal growth conditions, without interruption or risk of contamination. Walkaway operation allows you to monitor cell cultures from anywhere, without opening the incubator or even going into the lab. Its compact 18.5 x 18.5 cm footprint takes minimal space in your incubator.

• Sophisticated software captures images 24/7, evaluates confluence and compares mean / SD of individual wells

Monitor 24 wells in parallel, allowing you to compare individual wells over time



Please contact us to request a quotation: sales@labtech.com



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 humification, range: 20 to 95%**
- Stainless steel interior and shelves
- IQ/OQ/PQ documentation and services available
- Easy cleaning and maintenance

Excellent temperature and humidity performance.



Save up to £6,270!

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
BIG7000-10-03	Model 7000-10 Benchtop, Stackable Chamber 283 L (net) with 3 Shelves	820x570x1145	£24,640	£20,020
BIG7000-25-03	Model 7000-25 Chamber, 708 L (net) with 4 Shelves	902x846x1958	£30,480	£24,765
BIG7000-33-03	Model 7000-25 Chamber, 934 L (net) with 5 Shelves	1450x890x2070	£33,440	£27,170

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. 1415 L (2-door) and 2124 L (3-door) versions also available.

Haier CO₂ Incubators

Delivering reliable and stable conditions for culturing cells and viruses, as well as undertaking epidemiological and translational research. Effective microbial filter and door heating function prevents microbial contamination.

- Temperature range: 3 °C above ambient to 55 °C
- Precise CO₂ concentration with LCD display
- Stainless steel chamber and access port
- Active airflow control technology
- IoT APP Available for Real Time Monitoring (optional)

180 °C dry heat sterilisation technology.

	on technology.		
Model	HCP-80	HCP-168	HCP-258
Capacity (L)	80	170	258
Shelves, Supplied/Max.	3/7	3/11	3/13
External, WxDxH (mm)	625x684x735	714x812x887	794x867x985
Cat. No.	HCP-80	HCP-168	HCP-258
List Price	£11,429	£11,997	£14,743
Promo Price	£5,950	£6,270	£7,722

Visit www.sciquip.co.uk for full specifications. Accessories available include: Additional shelves; Hepa Filter, Pressure Reducing Valve, RS485, 4-20mA, The Cylinder Switch.



For information on temperature calibration traceable to UKAS and mapping (on-site), CO₂ calibration, plus repairs and servicing; please contact service@technival.co.uk.



SciQuip Fan Assisted S-Series Ovens

Designed to provide accurate temperature uniformity with no overshoot, the microprocessor achieves precise environmental control and features the advantage of rapid recovery after door opening. Audio-visual temperature alarms and password protection.

Suitable for many drying applications including aging, bonding, curing, drying glassware, baking, sterilising, heat treating, annealing, stress relieving and stability testing.

- Temperature range: Ambient +5 to 200 °C
- Temperature accuracy: ±0.1 °C
- Fully programmable; store up to 9 programs of 18 steps
- Fan-assisted for excellent temperature uniformity



Two-year Warranty

Model	30S	55S	110S	210S
Capacity (L)	30	55	110	210
Shelves, Supplied/Max.	2/7	2/10	2/16	2/19
External, WxDxH (mm)	490x470x750	520x525x860	610x565x1060	690x720x1240
Power (W)	900	1300	2100	2500
Cat. No.	SQ-4840	SQ-4845	SQ-4850	SQ-4855
List Price	£1,585	£1,744	£2,152	£2,722
Promo Price	£880	£950	£1,166	£1,590

Visit www.sciquip.co.uk for full specifications. High temperature models also available. Additional shelves available.

SciQuip S-Series Incubators

These microprocessor-controlled incubators are fan-assisted and have 8 additional auxiliary heating elements in the sides and bottom of the chamber enabling an outstanding 0.5 °C temperature uniformity. Ideal for microbiological work, pharmaceuticals, cosmetics, food and general testing.

Features as above for S-Series ovens, except:

- Temperature range: Ambient +5 to 65 °C
- Inner glass door



Model	Incu-50S	Incu-80S	Incu-120S	Incu-160S	Incu-270S
Capacity (L)	50	80	120	160	270
Shelves, Supplied/Max.	2/4	2/4	2/5	2/4	2/4
External, WxDxH (mm)	470x520x785	520x570x880	570x620x980	620x670x1030	740x740x1280
Power (W)	200	250	300	380	550
Cat. No.	SQ-4610	SQ-4615	SQ-4620	SQ-4625	SQ-4630
List Price	£1,497	£1,742	£2,031	£2,229	£2,232
Promo Price	£810	£960	£1,120	£1,245	£1,595

Visit www.sciquip.co.uk for full specifications. Additional shelves available.

X

We can support with temperature calibration traceable to UKAS and mapping (on-site), plus repairs and servicing; please contact service@technival.co.uk.



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	£1,585	£1,399
GENE3DWC200N/TDIG	Drying Cabinet, 200 L	1000x500x770	£2,145	£1,895
GENE3DWC425N/TDIG	Drying Cabinet, 425 L	600x650x1750	£4,625	£4,085
GENE3DWC100F/TDIG	Drying Cabinet, 100 L with Fan Circulation	720x420x660	£1,820	£1,610
GENE3DWC200F/TDIG	Drying Cabinet, 200 L with Fan Circulation	1000x500x770	£2,335	£2,065
GENE3DWC425F/TDIG	Drying Cabinet, 425 L with Fan Circulation	600x650x1750	£4,855	£4,285
GENE3DWC885F/TDIG	Drying Cabinet, 885 L with Fan Circulation	1180x650x1750	£6,450	£5,690

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 L); 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 reduced running costs.

- Precise digital temperature controller
- Digital timer: 7-day / 24-hour
- Temperature range: 30 to 80 °C
- Stainless steel chamber and insulated
- 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
LEECECOSS	ECO SS Drying Cabinet, 113 L	765x450x732	£2,079.96	£1,789
LEECECOLS	ECO LS Drying Cabinet, 227 L	1000x550x807	£2,171.01	£1,865
LEECECOFC2	ECO FC2 Drying Cabinet, 426 L with Fan Circulation	635x650x1870	£3,305.31	£2,839
LEECECOFC1	ECO FC1 Drying Cabinet, 885 L with Fan Circulation	1168x650x1870	£4,568.61	£3,925

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.



54

Christ Alpha 1-2 LSCbasic Freeze Dryer

An entry-level tabletop freeze dryer upgraded with LSC basic control system, streamlining controls with an interactive, touchscreen interface. Available as a complete plug and go package or can be configured to suit the users' individual requirements.

- 5.7"/ 15 cm colour touchscreen display
- Manual or automatic process continuation
- Interactive interface to streamline operation
- Maintenance intervals for vacuum pump and system
- Selectable units for temperature and pressure
- Password protection available for peace of mind

Please contact info@sciquip.co.uk for a customised quotation. Quote 'INSPIRATIONS24' to receive your special discount.

Cat. No.	Product Description	Ext. dims; WxDxH mm
101700	Alpha 1-2 LSCbasic Freeze Dryer -55 °C Ice Condenser 2.5 kg Ice Capacity	315x345x470

Visit www.sciquip.co.uk for full specifications. Accessories available include vacuum sensor, acrylic chamber for racks, glass cover, and more. Pilot freeze dryers also available.

Christ Alpha 1-2 Freeze Dryer

Package

An entry-level tabletop freeze dryer for aqueous samples upgraded with LSC basic control system, streamlining controls with an interactive, touchscreen interface.

The Christ Alpha 1-2 Package comes complete with accessories: vacuum pump, vacuum sensor, electromagnetic valve and acrylic chamber with 6 flask ports. Available as a complete plug and go package or can be configured to suit the users' individual requirements. System specifications as listed above.

5.7"/ 15 cm colour touchscreen display.

Please contact info@sciquip.co.uk for a customised quotation. Quote 'INSPIRATIONS24' to receive your special discount.



Intuitive Interface

ALL ALL	
-	

'Plug and Go' Package

Cat. No.	Product Description	Ext. dims; WxDxH mm
102025	Alpha 1-2 Freeze Dryer Package	315x345x470

Visit www.sciquip.co.uk for full specifications. Package includes: freeze dryer, vacuum pump, vacuum sensor, electromagnetic valve and acrylic chamber with 6 flask ports.

Further accessories available include flask drying manifold, sealing device, aluminium product dish and more. Pilot freeze dryers also available.



Christ Alpha 1-4 and 2-4 LSCbasic Freeze Dryers

Efficient and compact universal tabletop freeze dryers ideal for everyday lab work. The LSCbasic user interface introduces simple and intuitive control, enabling the user to explore a wide range of configurations for their individual requirements.

Choose from the **Alpha 1-4 LSCbasic:** –55 °C Condenser for typical aqueous solutions or the **Alpha 2-4 LSCbasic**: –85 °C Condenser for drying solutions with low freezing points.

- 4 kg condenser capacity
- Condenser performance: 4 kg / 24 hr
- Touchscreen LSCbasic controller included as a standard
- Tabletop system
- Complete system includes vacuum pump

Please contact info@sciquip.co.uk for a customised quotation. Quote 'INSPIRATIONS24' to receive your special discount.



Intuitive Interface

Model	Alpha 1-4 LSCbasic	Alpha 2-4 LSCbasic
Ice Capacity (L)	4	4
Temperature (°C)	Approx. –55	Approx. –85
Refrigeration System (kW)	0.51	2x 0.51
External, WxDxH (mm)	390x540x415	390x540x415
Cat. No.	102370	102371

Visit www.sciquip.co.uk for full specifications. Further accessories available include LyoCube front loading chamber, sealing device, shelving racks and more. Units also available with the LSCplus software for better process management and process control of a freeze drying system.



Pressure calibration, temperature calibration traceable to UKAS and mapping (on-site), repairs, servicing and IQ/OQ/PQ validation available. Please contact service@technival.co.uk.



VACUUBRAND Pumps

VACUUBRAND offers the most comprehensive range of vacuum pumps, vacuum gauges and vacuum controllers for rough and fine vacuum for laboratory use. The range includes:

- Oil-free diaphragm pumps
- Rotary vane pumps
- Complete vacuum pumping units
- Vacuum controllers and more

Contact your Regional Account Manager for more information.

Grant Instruments, CRF-1 Benchtop Controlled Rate Freeze Thaw

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

- Freezing cycle to -100 °C
- Thawing cycle at max. 10 °C /min
- Range of interchangeable heads available
- Software included
- Stirling engine technology provides efficient cooling*
- Two-year parts and labour warranty

Liquid nitrogen free and runs on 24 V supply!

Save 18% and get free installation**



FREE Installation**

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
GRNTCRF-1H01	CRF-1 with Plate without Head	350x290x460	£23,000	£18,945
Interchangeable	Heads			
GRNTH00	For 16x0.5 ml CBS Straws		£1,500	£1,239
GRNTH01	For 18x0.3 ml IMV Straws	For 18x0.3 ml IMV Straws		£1,239
GRNTH02	For 55x1.8 ml Cryotubes (max. fill	For 55x1.8 ml Cryotubes (max. fill 0.5 ml)		£1,239
GRNTH03	Flat Plate		£1,500	£1,239
GRNTH05	For 1x SBS Microplate		£1,500	£1,239
GRNTH06	For 55x1.8 ml Deep Cryotubes (mo	ax. fill 1.0 ml)	£1,500	£1,239

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

*The Stirling engine is a closed, compression-based chamber which during expansion and contraction creates cooling. It is non-carbon based energy, very efficient and requires no topping up.

**Free installation for UK mainland only.



Temperature calibration traceable to UKAS and mapping (on-site), repairs, servicing, and IQ/OQ/PQ validation available. Please contact service@technival.co.uk.



Dry LN₂ Cryostorage from CBS

CBS' Isothermal range features innovative jacket technology which provides dry storage. Since there is no LN₂ in the sample chamber, personnel are safe from splashes and spills.

- Improved user safety
- Excellent temperature uniformity
- Reduced risk of cross-contamination
- Increased sample storage capacity

Discover the range on www.medlinescientific.com.



Lec Medical Laboratory Essential Undercounter Refrigerators and Freezers, Spark-free

Essential laboratory refrigerators and freezers with spark-free interior to reduce risk of ignition, and lockable door with two keys. Multiple shelf positions provide flexible storage options.

- Refrigerator temperature range: 2 °C to 10 °C
- Freezer temperature range: -18 °C to -25 °C
- Spark-free interior and lockable, solid door
- Anti-microbial handle to prevent cross contamination
- Two-year parts and labour warranty



Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LEC444411344	LSFSR110 Fridge, 158 L with 2 Shelves and 1 Drawer	595x660x850	£500	£315
LEC444411345	LSFSF110 Freezer, 84/98 L with 3 Shelves	595x660x850	£500	£315

Visit www.medlinescientific.com for full specifications.



Benefit from a wide range of refrigeration service solutions such as:

Temperature calibration traceable to UKAS or mapping (on-site), repairs, servicing, health checks, and IQ/OQ/PQ validation.

We can also support with wireless temperature monitoring systems.

Please contact service@technival.co.uk.



Priorclave EV/EH Front- and Top-loading Autoclaves

The **Base range** covers "the basics": media preparation, waste loads, sterilising loose instruments, open containers, and labware. Along with media warming, they feature:

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

In addition to the above, Smart models also feature:

- Programmable pre-cycle vacuum for steam penetration
- Pulsed free-steaming and vacuum assisted cooling

Performance range models are available for more complex tasks.

Please contact your Regional Account Manager to discuss your application.

Lec Medical Laboratory Plus Upright Refrigerators and Freezers, Spark-free

Lec's Local Temperature Monitoring enabled range provides improved user connectivity options for monitoring of temperature, alarms, and further controls. Multiple shelf positions provide flexible storage options, and anti-microbial handles prevent cross contamination.

- Refrigerator temperature range: 2 °C to 10 °C
- Freezer temperature range: -18 °C to -25 °C
- Spark-free interior and solid door with lock
- Power failure alarm with battery backup
- Simple download of temperature history and alarm history via App
- Touch screen external temperature controller: read and reset; min/ max temperature readings; etc
- Factory fitted 16 mm porthole for secondary temperature monitoring probes
- Five-year parts and labour warranty

Improved user connectivity options.





Bluetooth-enabled



Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LEC444411360	LSFSR310BT-UK Fridge, 310 L with 5 Shelves	595x600x1560	£1,570	£1,229
LEC444411352	LSFSF98BT-UK Freezer, 84/98 L with 3 Shelves	595x660x850	£914	£715
LEC444411362	LSFSF242BT-UK Freezer, 229/242 L with 6 Shelves	595x660x1500	£1,689	£1,325
LEC444411366	LSFSF312BT Freezer, 290/312 L with 8 Shelves	595x660x1935	£1,950	£1,529

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



Find out about our service and maintenance contracts: service@technival.co.uk.



Arctiko Cryogenic Freezers

Suitable for a wide variety of research and long-term storage applications for ultra-low temperature scientific experiments, preservation of cells, DNA, bone material and bacteria.

- TRUE DUAL[™] compressor technology
- Temperature range: -140 °C to -150 °C
- Lockable lid and filterless construction

Discover the range on www.medlinescientific.com.



SciQuip Pharmacy Fridges

A dual sensor system monitors the air temperature for rapid temperature control together with a simulated sample temperature sensor. The fridges come with 6 alarm levels and 3 types of alarm audible, visual, and remote. Suitable for pharmaceutical storage, vaccines, test kits and reagents in all settings including chemists, surgeries, hospitals, vets and laboratories. Lockable glass doors, LED interior lights, power failure alarm, and a sensor port all come as standard.

- Accurate temperature control: 2 to 8 °C
- Forced air cooling for rapid recovery and better temperature control
- Automatic defrost and condensate evaporation
- Temperature controller with LED display

In stock and available for next day delivery!



Password Protection

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
SQ-V60C	Pharmacy 60 Tabletop Fridge, 29 L with 3 Shelves	445x458x535	£694	£495
SQ-V140C	Pharmacy 140 Underbench Fridge, 168 L with 4 Shelves	595x611x840	£847	£605

Visit www.sciquip.co.uk for full specifications. Shelves supplied are plastic-coated wire. 328 L and 448 L mdoels also available. Please enquire for pricing.



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 traceable to UKAS standards
- IQ/OQ/PQ validation

Please contact our dedicated Service Team for more information: service@technival.co.uk

Liebherr MediLine 1610 Underbench Fridges

Meets the exacting demands made of laboratory appliances. The temperature can be set from +3 °C to +16 °C. The forced-air cooling system in conjunction with the precision electronic controller ensures temperature consistency and uniform temperature distribution. Comfort controller with digital display enables temperatures to be set to 0.1 °C accuracy.

- Temperature range: 3 °C to 16 °C with automatic defrost
- Spark-free model: Interior ATEX 95 certified
- Precise temperature controller with integrated data memory
- Reversible door with lock
- External access port available
- Ten-year spare parts availability
- Two-year warranty

Audio-visual alarms for temperature and door.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LIEBLKUV1610	LKUv 1610 Fridge, 141/130 L with 4 Glass Shelves	601x618x820	£1,509	£1,155
LIEBLKUEXV1610	LKUexv 1610, 141/130 L Spark-free (ATEX) Fridge with 4 Glass Shelves	601x618x820	£1,579	£1,210

Visit www.medlinescientific.com for full specifications.

Liebherr MediLine LGUex 1500 Underbench Spark-free Freezer

Meets the exacting demands made of laboratory appliances. The temperature can be set from -9 °C to -26 °C. The precision electronic controller ensures temperature consistency. Features static cooling and manual defrost.

- Temperature range: -9 °C to -26 °C
- Spark-free interior (ATEX 95 certification)
- Precise temperature controller with integrated data memory
- Reversible door with lock
- Audio-visual alarms for temperature and door
- External access port available
- Ten-year spare parts availability
- Two-year warranty

Precise 0.1 °C temperature setting accuracy.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LIEBLGUEX1500	LGUex 1500 Freezer, 139/129 L with 3 Drawers, 1 Basket	601x618x820	£1,609	£1,230

Visit www.medlinescientific.com for full specifications.



From health checks and repairs to calibration and validation, we can support your equipment through its life cycle. Please contact service@technival.co.uk.









Liebherr Upright Spark-free Performance Freezers

Ideal for basic laboratory requirements with good temperature stability (EN 60068-3), static cooling and manual defrost. ATEX rated for spark free. Temperature can be set from -9 °C to -30 °C, with \pm 5 °C temperature stability for minimal fluctuation. SmartFrost reduces frost build-up in the interior and on stored products, reducing the frequency of defrosting required.

- Temperature range: -9 °C to -30 °C with SmartFrost
- Spark-free interior (ATEX 95 certification)
- Environmentally friendly and natural refrigerants
- Precise temperature controller with integrated data memory
- Reversible door with lock
- Audio-visual alarms for temperature and door
- External access port available
- Ten-year spare parts availability
- Two-year warranty

Manufactured in Europe for reduced carbon footprint.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LIEBSFFFG4001	SFFfg 4001 Freezer, 190/316 L with 6 Drawers	597x654x1884	£2,249	£1,875
LIEBSFFFG5501	SFFfg 5501 Freezer, 394/499 L with 5 Drawers	747x769x1684	£2,619	£2,225

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

Liebherr 4001 Upright Performance Fridges

Ideal for basic laboratory requirements, the 4001 fridges provide good temperature stability (EN 60068-3). Features forced-air cooling and automatic defrost. Spark-free (ATEX) model SRFfg 4001 is suitable for storing flammable materials.

- Temperature range: +3 °C to +16 °C
- Natural, environmentally friendly refrigerants: R600a
- External digital display
- Reversible door with lock
- Audio-visual alarms for temperature and malfunction
- External access port available
- Two-year warranty

Ten-year spare parts availability.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LIEBSRFVG4001	SRFvg 4001 Fridge, 298/394 L with 5 Glass Shelves	597x654x1884	£2,209	£1,689
LIEBSRFFG4001	SRFfg 4001, 298/394 L Spark-free Fridge with 5 Glass Shelves	597x654x1884	£2,249	£1,720

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





Liebherr MediLine Fridge Freezers

Meets the exacting demands made of laboratory appliances. The forced-air cooling system (fridge compartment) in conjunction with the precision electronic controller ensures temperature consistency and uniform temperature distribution in the interior. The freezer compartment features static cooling and manual defrost. Fridge compartment has automatic defrost.

- Temperature range: 3 °C to 16 °C / -9 °C to -30 °C
- Spark-free model: ATEX 95 certified interior
- Precise temperature controller with integrated data memory
- Reversible doors with lock
- Audio-visual alarms for temperature and door
- Two-year parts and labour warranty

Fridge compartment: 4 adjustable glass shelves; capacity 254/240 L **Freezer compartment:** 3 drawers; capacity 107/105 L

Performance model and spark-free model available.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
LIEBLCV4010	LCv 4010 MediLine Fridge Freezer, 361/345 L	601x618x2003	£2,629	£2,010
LIEBLCEXV4010	LCexv 4010 MediLine Spark-free Fridge Freezer, 361/345 L	601x618x2003	£2,749	£2,105

Visit www.medlinescientific.com for full specifications.

From health checks and repairs to calibration and validation, we can support your equipment through its life cycle. Please contact service@technival.co.uk.

Arctiko LFE 380 Flexaline Upright Freezer

The eco-friendly Flexaline series offer flexibility, security and reliability, even in the demanding requirements of biomedical applications. Single compressor technology with a simple design ensures easy maintenance, lower heat dissipation and noise reduction. Track temperature data continuously with digital controller including integrated data logger.

• Temperature range: -10 to -25 °C

Natural refrigerants with low GWP*.

- Digital display, datalogger, USB port and access port
- Visual and acoustic alarms for: power failure; temperature deviations; door open; probe failure; and low battery
- Reversible door with left-handed door as default
- Static cooling for maximum temperature uniformity, stability and quick temperature recovery following door openings



Adjustable Shelves

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
ARC190003701	LFE 380 Freezer, 400 L, 7 Shelves	608x698x1840	£1,963.44	£1,120
Visit www.medlinescientific.com for full specifications. *Global Warming Potential.				









Freezer Racking

Organising stored samples with suitable ULT racking can help laboratories to improve their energy and space efficiency, and time management. Using freezer racks along with effective inventory management should minimise door-opening times and reduce the ice build up that can result. Being organised also saves valuable time spent searching for stored samples and reagents.

Types of Freezer Storage

Horizontal Racks - Allows for maximum use of the storage space in upright ULT freezers.

- Racks hold trays (for cryoboxes, microplates), divided trays or storage bins
- Racks available for storing 15 ml or 50 ml centrifuge tubes
- Aluminium or stainless steel versions

Front-access freezer racks offer convenient and quick access to stored items—only one tray needs to be removed in order to take out/locate an item in the freezer.

Side-access versions are easily customisable for various sizes of cryoboxes. In addition to cryoboxes, they can also hold microtitre plates, and are ideally suited to long-term storage.

Freezer Storage Bins - Ideal for organising and safely storing any loose items within the freezer. Standard sizes are 140 mm and 280 mm wide, but they can be custom-made to any size.

- Available in anodised aluminium or stainless steel
- Choice of fold down handle or hand grip
- Can be fitted with a handle on each end for easy transport
- Label holder for clear inventory organisation

Vertical Racks - Available in many sizes and designs. Vertical racks are ideal for organising and maximising storage within laboratory chest freezers. Vertical racks are commonly used to store cryoboxes. However, bespoke racks are available to store microtitre plates, deep-well plates or centrifuge tubes.

- Aluminium or stainless steel versions
- Space-efficient fold down handle to allow easy removal from the chest freezer
- Fixed handle versions (handle fixed in upright position)
- Identification labels available

Coloured Racks - Can assist with freezer organisation and facilitate sharing. Coloured racks can also be used to highlight mission-critical or valuable samples that should be moved to a back-up unit as a priority, if the freezer fails.

- Vibrant colours including: blue, red, purple, orange, and green
- Clearer visibility of your storage racks even when covered in ice/frost build up

Competitive prices available! Get in touch for more information or to raise a quotation: enquiries@medlinescientific.com

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 elimate the need for dry ice
- Plugs into any 110 V-240 V outlet and 12 V DC power*

Underbench, benchtop 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 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

Further discounts available for multiple units.







Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
STIRULT25NEU	ULT25NEU Portable ULT Freezer, 25 L	693x350x460	£6,840	£5,765
STIRSU105UE	SU105UE Compact ULT Freezer, 105 L	864x711x686	£9,929	£8,059
STIRSU780XLE	SU780XLE ULT Freezer, 780 L	915x870x1994	£22,977	£13,495

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.



Infrico Underbench -86 °C ULT Freezer

The LabCare+ 110 litre ULT freezer reliably maintains a stable, set temperature down to -86 °C and features natural, biodegradable HC cooling gases. This compact freezer satisfies the demand for the safe, long-term storage of high-value materials and samples.

The ULF11086 incorporates a tried and tested single stage refrigeration system which, combined with an optional liquid CO₂ backup system, provides a critical level of protection.

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





Save £5,225!

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
MDULF11086	Compact ULT Freezer 110 L with 1 Shelf and 2 Inner Doors	1092x783x820	£9,725	£4,500

Visit www.medlinescientific.com for full specifications.



Get in touch to book your freezer service: service@technival.co.uk.

Infrico Upright -86 °C ULT Freezers

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

Other features as listed above for the underbench model.

Dual compressor security from only £6,900!



Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
MDULF50086	LabCare+ ULT Freezer, 500 L with 3 Shelves and 4 Inner Doors	996x919x1986	£12,679.53	£6,900
MDULF70086	LabCare+ ULT Freezer, 700 L with 3 Shelves and 4 Inner Doors	1276x957x1986	£13,398.93	£7,500

Visit www.medlinescientific.com for full specifications. Other models available, including 400 and 800 L.



Arctiko ULUF Underbench ULT Freezers

Compact, space-saving design and low noise level makes the ULUF underbench freezers a perfect storage solution for laboratories. Usable as either a benchtop or undercounter model, single compressor technology with a simple design ensures easy maintenance, lower heat dissipation and noise reduction. Direct cooling of each shelf cools compartments directly for maximum uniformity and minimal recovery time.

- Wide temperature range: -40 to -86 °C
- 4.2" Touchscreen LCD, datalogger, USB port, and access port
- Visual and acoustic alarms for: power failure; temperature deviations; door open; probe failure; and low battery
- Heated door frame to prevent ice build up
- Handle designed for one-handed opening and door lock

Natural refrigerants with low GWP*.



Filterless Construction

•	•	0	0	
	•	0		
			0	
				ě.

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
ARC1000013	ULUF P50 ULT Freezer, 50 L	657x778x836	£7,811.46	£5,010
ARC1000005	ULUF 65 ULT Freezer, 54 L	600x700x810	£7,540.81	£4,839

Visit www.medlinescientific.com for full specifications. *Global Warming Potential.

Arctiko ULUF Upright ULT Freezers

Features TRUE DUAL[™] technology for double security, which consists of two independent systems offering you the best security. In case of any failure with one of the cooling systems, the other system will still maintain the temperature at -70 °C. Self-diagnostic function confirms that the alarm system is always working correctly.

- Wide temperature range: -40 to -86 °C
- 4.2" Touchscreen LCD, datalogger, USB port, and access port
- Visual and acoustic alarms for: power failure; temperature deviations; door open; probe failure; and low battery

With TRUE DUAL[™] technology and natural refrigerants

• Handle designed for one-handed opening and door lock

Filterless Construction

Cat. No.	Product Description	Ext. dims; WxDxH mm	List Price	Promo Price
ARC1000007	ULUF 450-2M Freezer, 393 L with 4 Shelves	657x778x836	£11,057.29	£7,095
ARC1000016	ULUF P500 GG Freezer, 500 L with 5 Shelves	895x859.5/1002 x1999**	£17,319.65	£11,109
ARC1000008	ULUF 750-2M Freezer, 642 L with 4 Shelves	1030x885x1990	£16,267.57	£10,435

Visit www.medlinescientific.com for full specifications. *Global Warming Potential. ** With detachable air flow management and noise reduction system.



with low GWP*.

See page 64 for freezer racking.



LVL Technologies 2D Tube Rack SAFE®

SAFE® 96 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.

- Reliable sample identifiability and traceability
- Secure storage and excellent leak tightness
- Protective rim against mechanical influences
- Open space for customised coding
- SAFE® low leachables medical polypropylene
- Rated 100% leakproof by IATA
- Can significantly increase your sample storage capacity compared to standard cryoboxes



Certified DNA, DNAse, RNAse, pyrogen and endotoxin free.

Cat. No.	Product Description	Quantity	List Price	Promo Price
4C-X05-BL-AW-P-L	2D Tube Rack SAFE®, Externally Thread, 500 µl, Side Coded, Blue Capped, Production Sterile	50x96	£3,250	£2,225
4C-X10-BL-AW-P-L	2D Tube Rack SAFE®, Externally Thread, 1000 µl, Side Coded, Blue Capped, Production Sterile	50x96	£3,250	£2,225
4C-X20A-AW-BL-P-L	2D Tube Rack SAFE®, Externally Thread, 2000 µl, Side Coded, Blue Capped, Production Sterile	50x96	£1,800	£1,300

Visit www.elkaylabs.com for full specifications.



LVL Technologies Laser Marker

The TLM 864 SAFE® tube laser marker can automatically laser-code SAFE® tubes from two sides and link the information in a database to the 2D code that was previously lasered-on during production.

- Code up to 500 tubes per hour from nine SBS/ANSI positions
- Compatible with SBS 96, SBS 48 and SBS 24 formats
- Label up to 9 racks simultaneously

Discover more solutions on www.elkaylabs.com.



Equipment from Agar Scientific

Agar Scientific offers a range of Instrumentation to support all forms of microscopy in Biological Science and Material Science related fields.

easiGlow™ Discharge Cleaning System

Easy-to-use glow discharge cleaning system for surface modification of TEM support films. With precise and easy vacuum settings, the system supports both hydrophilic and hydrophobic treatments for either negative or positive charge.

- Compact, standalone unit with intuitive touchscreen for display and operations
- Short cycle times and consistent results

3 modes: Auto, programmed and manual.

WELL Precision Diamond Wire Saws

Produces smooth, sharp-edged surfaces on virtually any material, while peforming a non-destructive, non-deforming cut/slice. Cutting wire is stainless steel with diamonds embedded into the surface, using a patented embedding process to ensure maximum cutting capability and long wire life.

- Metals, plastics, quartz, glass, graphite and ceramics are just some of the many natural and synthetic materials that can be cut
- Precision cut and smooth finish to eliminate polishing time

Suitable for research and development, quality control, failure analysis and production.



Please contact your Regional Account Manager to request a quotation.



C-Smart Functionalised Carbon Support Films from Agar Scientific

Fully customisable functionalised carbon support films. Choose your grid and functionalisation or request a functionalisation specifically for your application!

- Grids: Continuous carbon, 3 nm ultra-thin carbon on lacey support, Quantifoil with ultra-thin carbon
- Functionalisations: Hydrophophilic (basic), Hydrophilic (positive), Hydrophilic (negative), Hydrophobic

Visit www.agarscientific.com for more information.



Equipment from Agar Scientific, continued

Manual Sputter Coater

Designed for gold coating of SEM specimens with full variable current control, timer and variable height specimen table. Gold target included as standard.

- Optional film thickness monitor
- Vacuum pump mounted on desktop compatible anti-vibration table

Economic and easy-to-use.

Automatic Sputter Coater

Compact, easy-to-use benchtop coating unit for automatic coating of SEM samples. Ideally suited for routine sample coating applications, offering rapid pump down times, fine grain coatings and negligible sample heating.

- Supplied with complete pumping system
- Optional film thickness monitor

Simple and economic to operate.

Automatic Carbon Coater

Designed for routine coating of SEM and microprobe samples. Where conductive low atomic number coating is required. Dual carbon rod source with unique current feedback control gives highly reproducible carbon coatings.

- Economical and easy-to-use
- Pulsed mode for coating heat-sensitive samples

Automatic and manual modes.



Agar Scientific Gold Target Recycling Scheme

We can recycle your spent Gold or Gold/Palladium disc targets and offer a 20% discount on the equivalent brand new target. This offer only applies to disc targets with like-for-like replacements.

Visit www.agarscientific.com for more information.



Equipment from Agar Scientific, continued

Cutlam Micro 1.1 Precision Laboratory Cutting Machine

Economical and easy to use, designed for precision cutting of even the most sensitive materials. Speed range and cutting chamber capacity enables use for many applications, with a variety of cutting wheels up to 150 mm diameter.

- Stable and vibration free
- Equipped with safety device and independent decanting/recirculation tank

Versatile and robust.

Cutlam Micro 3.0 Precision Automatic Laboratory Cutting Machine

Designed with motorised stage for automatic operation, allowing for precision, long and difficult cuts. Feed speed control feature allows for irregular samples and materials with heterogeneous hardness to be cut.

- Precision cuts within 0.01 mm accuracy
- User-friendly interface

Large capacity yet compact.

Cutlam 1.1 Large Capacity Cutting Machine

Bench-mounted, robust and easy to use with a large cutting capacity.

- Spacious cutting table made from anti-corrosive cast iron
- Ability to clamp components of thicknesses up to 120 mm
- Can be equipped with Ø 250 to 305 mm cut-off wheels

Designed for a wide range of applications.

Cutlam 3.1 Automatic Large Capacity Cutting Machine

Features 2 or 3 motorised axes and a 300 mm Ø cut-off wheel. Rotation speed and feed speed can be programmed to prevent deterioration or deformation of samples.

- Max cutting capacity Ø 110 mm with 300 mm cut-off wheel
- 5.7" LED touch screen and intuitive interface
- Internal memory for over 300 cutting programs; can also be imported/exported via a USB port

Automatic and programmable



Please contact your Regional Account Manager to request a quotation.









Equipment from Agar Scientific, continued

Smartlam 2.0 Single Wheel Advanced Convertible Grinder/Polisher

Versatile, compact, single wheel convertible grinder/polisher which can be configured with 200-300 mm platens.

- Optional SpringLam head for semi-automatic operation
- 3.5" touchscreen keypad

Competitively priced.

Masterlam 3.0 Automatic Polishing Machine

Automatic, single-plate polishing machine with powerful central and individual pressure head, bidirectional rotation, variable speed and pressure. Polishing head has an oscillation function, with oscillation configurable both for amplitude and frequency.

- Touchscreen controls
- Parameter storage and expert technologies

Intuitive and user-friendly interface.

Presslam 1.1 Automatic Mounting Press

Innovative mounting press with heating and cooling system, providing a total cycle time of 5 minutes with preheating element. Set temperature, pressure, heating and cooling parameters from a central screen, and choose from 4 pressure modes based on the mounting compound.

- Audible alert when cycle is complete
- Easy to maintain and clean

Water conserving program (up to 25% less).



New Cryo-EM Consumables from Agar Scientific

Latest additions to the Agar Scientific Cryo-EM portfolio for clipping and storing your Cryo-EM samples.

- Clipping: Choose from premium autogrid rings and c-clips, clipping stations, tools and racks
- Storing: A wide range of grid boxes including bulk storage, hybrid, metal and plastic options

Visit www.agarscientific.com for more information.

Agar Scientific Tungsten Filaments for EM

Precision-made in custom engineered jigs to ensure complete accuracy of every filament to gain maximum image quality and life expectancy.

- High-ductility tungsten wire used to minimise strain
- Stress relieved by flashing in a vacuum at temperatures above the normal operating level
- Quality checked for accuracy of centring

Replacement tungsten filaments for Cambridge/LEO/ Zeiss, AEI, TESCAN, JEOL, ISI and Phillips/FEI/Thermo Fisher instruments.





Save 20%

Cat. No.	Product Description	Quantity	List Price	Promo Price
AGA047	Filaments for TESCAN VEGA Series	10	£307.07	£246
AGA054	Filaments for Cambridge/LEO/Zeiss and AEI	10	£90.43	£73
AGA054L	Filaments for LEO Microscope 0.15 mm Wire	10	£132.21	£106
AGA086	Filaments for FEI	10	£240.06	£193
AGA092	Filaments for JEOL	6	£275.96	£221

Visit www.agarscientific.com for full specifications.

LaB₆ Lanthanum Hexaboride Filaments

High current, high brightness, single crystal crystal lanthanum hexaboride (LaB6) filaments.

- Emission current densities up to 30 A/cm²
- Range of emission surface sizes
- Long lifetime
- Operating pressure <10⁻⁷ torr



Cat. No.	Product Description	Quantity	List Price	Promo Price
AGA0690-6006	60/06 on FEI/Philips Base (not XL30)	1	£1,204.78	£964
AGA0690-9015	90/15 on FEI/Philips Base (not XL30)	1	£1,269	£1,016
AGA0690-9020	60/06 on AEI Base for Cambridge Instruments, LEO/Leica/Zeiss	1	£1,204.78	£964
AGA0692-9015	90/15 on AEI Base for for Cambridge Instruments, LEO/Leica/Zeiss	1	£1,204.78	£964
AGA0692-9020	90/20 on AEI Base for for Cambridge Instruments, LEO/Leica/Zeiss	1	£1,183.75	£947
AGA0693-6006	60/06 for JEOL K Base	1	£1,204.78	£964
AGA0693-9015	90/15 on JEOL K Base	1	£1,492.36	£1,194
AGA0693-9020	90/20 on JEOL K Base	1	£1,710	£1,368
AGA0698-6006	60/06 on Hitachi S Base	1	£1,282.40	£1,026
AGA0698-9015	90/15 on Hitachi S Base	1	£1,281.73	£1,026
AGA0698-9020	90/20 on Hitachi S Base	1	£1,282.40	£1,026

Visit www.agarscientific.com for full specifications.



Specimen Stubs for SEM

Comprehensive range of specimen stubs for SEM instruments, including: Amray, Cambridge Analysis, Cambridge, Deben, FEI-ESEM, Hitachi, ISI/ABT/Topcon, JEOL, LEO/Cambridge, FEI/ Philips, Camscan, TESCAN, Zeiss and LEO/Zeiss.

A variety of shapes are available including standard pin stubs, angled stubs, cylinder stubs, low profile pin stubs and M4 threaded stubs. Machined from free cutting aluminium.



Cat. No.	Product Description	Quantity	List Price	Promo Price
Aluminium Pin	Stubs			
AGG301F	12.5 mm diameter, 6 mm pin length	100	£26.33	£22
AGG301	12.5 mm diameter, 8 mm pin length	100	£24.94	£20
AGG301A	12.5 mm diameter, 8 mm pin length, no groove	100	£28.49	£23
AGG301-S-50	Serialised, 12.5 mm diameter, 8 mm pin length	50	£87.29	£70
Aluminium Spe	ecimen Stubs			
AGG306	For JEOL Instruments, 10 mm diameter	100	£16.74	£14
AGG3384	12.5 mm diameter, 10 mm height	50	£15.17	£13
AGG3313	15 mm diameter, M4 thread	50	£68.45	£55
AGG399F	25 mm diameter, 6 mm pin length	50	£71.89	£58
AGG3377	25 mm diameter, M4 thread	50	£60.37	£49
AGG399	25 mm diameter, 8 mm pin length	50	£72.24	£58
AGG318	32 mm diameter, 10 mm height	50	£96.04	£77
AGG3318	32 mm diameter, M4 thread	50	£113.95	£92
AGG3376	32 mm diameter, 5 mm height	50	£88.96	£72
AGG400F	32 mm diameter, 6 mm pin length	50	£94.22	£76
AGG400	32 mm diameter, 8 mm pin length	50	£90.25	£73
AGG303-10	CorrStub SEM with V-Notch for Correlative Microscopy, 12.5 mm diameter, 8 mm pin length	10	£22.76	£19

Visit www.agarscientific.com for full specifications.



Special offer on Medline Scientific Nitrile, Powder-free Gloves: **STERINC500181:** Small Nitrile Gloves, £420 for PK10,000 **STERINC500160:** Medium Nitrile Gloves, £420 for PK10,000 **STERINC500163:** Large Nitrile Gloves, £420 for PK10,000 **STERINC500166:** Extra-Large Nitrile Gloves, £420 for PK10,000 Other types available on request.

Leit Carbon Adhesive Tabs

Ideal for examining uncoated small specimens in the SEM and for microanalysis. Simply press onto a specimen stub and leave a conductive carbon adhesive when backing material is removed.

- Carbon based
- Electrically conductive
- Double sided adhesive



Cat. No.	Product Description	Quantity	List Price	Promo Price
AGG3357N	9 mm diameter	100	£17.88	£15
AGG3347N	12 mm diameter	100	£15.71	£13
AGG3348N	25 mm diameter	54	£28.07	£23
AGG3111	Roll of Carbon Discs (12.5 mm)	250	£79.43	£64

Visit www.agarscientific.com for full specifications. Other carbon mounting methods including Leit-C and tape available.

Leit Carbon Adhesive Tabs with Aluminium Foil Core

Highly conductive carbon adhesive tabs with 30 μ m thin aluminium core, suitable for SEM or EDX applications. The aluminium core provides a low resistance path, making these tabs especially useful for imaging and analysis applications of fine powder and fibre samples.

- Ideal for automated EDS particle analysis
- Temperature range: -20 °C to +60 °C
- High strength thin adhesive



Cat. No.	Product Description	Quantity	List Price	Promo Price
AGG3357A	9 mm diameter	100	£39.74	£32
AGG3347A	12 mm diameter	100	£47.01	£38
AGG3348A	24 mm diameter	50	£39.74	£32

Visit www.agarscientific.com for full specifications. Other carbon mounting methods including Leit-C and tape available.



Formvar[®] Coated Grids

Formvar $^{\scriptscriptstyle (\!\!\!\!\!\!)}$ coated grids without a carbon layer, suitable for TEM applications up to 100 kV.

- Available on Copper, Nickel and Gold grids
- 75, 100, 200, 300 and 400 mesh
- 3 mm F1 or H7 Finder grid options



Cat. No.	Product Description	Quantity	List Price	Promo Price
AGS138	3 mm, 200 Mesh, Copper Grids	25	£48.29	£39
AGS138-3	3 mm, 300 Mesh, Copper Grids	25	£48.84	£39
AGS138-4	3 mm, 400 Mesh, Copper Grids	25	£91.98	£74
AGS138A	3 mm, 200 Mesh, Gold Grids	25	£72.64	£59
AGS138A3	3 mm, 300 Mesh, Gold Grids	25	£72.74	£59
AGS138A4	3 mm, 400 Mesh, Gold Grids	25	£85.48	£69
AGS138N	3 mm, 200 Mesh, Nickel Grids	25	£53.17	£43
AGS138N3	3 mm, 300 Mesh, Nickel Grids	25	£54.35	£44
AGS138N4	3 mm, 400 Mesh, Nickel Grids	25	£97.85	£79

Visit www.agarscientific.com for full specifications. Films can be applied to other grid sizes, material or type.

Carbon Coated Films

Thin and highly transparent to electrons, offering fine grain and low contrast which does not interfere with specimen structure.

- Carbon Coating is 16-18 nm
- Supplied as packs of 25 or 50 grids in a grid box
- Carbon support films can be applied to other grid sizes, material or type



Cat. No.	Product Description	Quantity	List Price	Promo Price
AGS160	3 mm, 200 Mesh, Copper Grids	50	£99.26	£80
AGS160-3	3 mm, 300 Mesh, Copper Grids	50	£101.02	£81
AGS160-4	3 mm, 400 Mesh, Copper Grids	50	£104.63	£84
AGS160A	3 mm, 200 Mesh, Gold Grids	50	£193.19	£155
AGS160A3	3 mm, 300 Mesh, Gold Grids	50	£215.24	£173
AGS160A4	3 mm, 400 Mesh, Gold Grids	50	£210.21	£169
AGS160N	3 mm, 200 Mesh, Nickel Grids	50	£108.78	£88
AGS160N3	3 mm, 300 Mesh, Nickel Grids	50	£136.49	£110
AGS160N4	3 mm, 400 Mesh, Nickel Grids	50	£184.44	£148

Visit www.agarscientific.com for full specifications. Films can be applied to other grid sizes, material or type.

Formvar[®]/Carbon Coated Films

Thin cast films of Formvar, which have been strengthened with an additional layer of evaporated carbon, providing extra resilience and strength compared with carbon films. Recommended for use where the grid requires several processing steps during specimen preparation.





Cat. No.	Product Description	Quantity	List Price	Promo Price
AGS162	3 mm, 200 Mesh, Copper Grids	50	£172.83	£139
AGS162-3	3 mm, 300 Mesh, Copper Grids	50	£130.37	£105
AGS162-4	3 mm, 400 Mesh, Copper Grids	50	£158.06	£127
AGS162A	3 mm, 200 Mesh, Gold Grids	50	£215.64	£173
AGS162A3	3 mm, 300 Mesh, Gold Grids	50	£305.46	£245
AGS162A4	3 mm, 400 Mesh, Gold Grids	50	£215.64	£173
AGS162N	3 mm, 200 Mesh, Nickel Grids	50	£221.33	£178
AGS162N3	3 mm, 300 Mesh, Nickel Grids	50	£165.30	£133
AGS162N4	3 mm, 400 Mesh, Nickel Grids	50	£221.33	£178

Visit www.agarscientific.com for full specifications. Films can be applied to other grid sizes, material or type.

Holey Carbon Films

Particularly suited for applications where mesh sizes of standard TEM grids are too large to support the sample, and where continuous carbon films inelastically scatter electrons and contribute to background noise.

- Holes of various sizes to provide support
- Increased image contrast in regions of holes compared to regions of films
- Typical applications: Biological and materials science and Cryo-TEM



Cat. No.	Product Description	Quantity	List Price	Promo Price
AGS147	3 mm, 200 Mesh, Copper Grids	50	£136.04	£109
AGS147-3	3 mm, 300 Mesh, Copper Grids	50	£136.04	£109
AGS147-4	3 mm, 400 Mesh, Copper Grids	50	£136.04	£109
AGS147A	3 mm, 200 Mesh, Gold Grids	50	£166.38	£134
AGS147A3	3 mm, 300 Mesh, Gold Grids	50	£166.38	£134
AGS147A4	3 mm, 400 Mesh, Gold Grids	50	£242.34	£194
AGS147N	3 mm, 200 Mesh, Nickel Grids	50	£151.17	£121
AGS147N3	3 mm, 300 Mesh, Nickel Grids	50	£151.17	£121
AGS147N4	3 mm, 400 Mesh, Nickel Grids	50	£151.17	£121

Visit www.agarscientific.com for full specifications. Films can be applied to other grid sizes, material or type.



Lacey Carbon Films

Lacey Carbon Films offer a greater percentage of open area in comparison to Holey Carbon Films. Offering the thinnest possible support film, while maintaining adequate strength and giving practically no background interference in the TEM. For use where structure-free background is important.

Applications: Studying nanotubes, acicular crystals and biological/materials specimens.



Cat. No.	Product Description	Quantity	List Price	Promo Price
AGS166	3 mm, 200 Mesh, Copper Grids	50	£138.35	£111
AGS166-3	3 mm, 300 Mesh, Copper Grids	50	£138.35	£111
AGS166-4	3 mm, 400 Mesh, Copper Grids	50	£138.35	£111
AGS166A	3 mm, 200 Mesh, Gold Grids	50	£171.46	£138
AGS166A3	3 mm, 300 Mesh, Gold Grids	50	£171.46	£138
AGS166A4	3 mm, 400 Mesh, Gold Grids	50	£171.46	£138
AGS166N	3 mm, 200 Mesh, Nickel Grids	50	£169.56	£136
AGS166N3	3 mm, 300 Mesh, Nickel Grids	50	£156.23	£125
AGS166N4	3 mm, 400 Mesh, Nickel Grids	50	£156.23	£125

Visit www.agarscientific.com for full specifications. Films can be applied to other grid sizes, material or type.

Bimos Neon Laboratory Chairs

Bringing comfort, design and efficiency to your laboratory. With excellent seating comfort and ergonomics, the Neon chairs can be perfectly adapted to each users' requirements for support and comfort. Interchangeable upholstery elements provide sustainability and flexibility.

- Ergonomic and flexible
- Robust and durable
- Washable and resistant to disinfectants
- Material: Artificial leather upholstery element, black (MG01)
- Seat inclination adjustable up to 9°
- Seat depth adjustment of 60 mm
- Backrest adjustable in height



Cat. No.	Product Description	Seat Height Adjustment	List Price	Promo Price
9573-3279-MG01	Bimos Neon 2 with castors	450-620 mm	£892.55	£449
9571-3279-MG01	Bimos Neon 3 with glides and footrest	590-870 mm	£995.76	£499

Visit www.sciquip.co.uk for full specifications.

Bimos Labsit Laboratory Chairs

Cost-efficient and hygienic design make the Labsit chairs an optimum choice for any laboratory. Extremely light, functional and compact with 3D-Flex-Backrest. Cleanroom and GMP compatible.

- Resistant to disinfectants
- Easy-care
- Robust and durable
- Synthetic backrest with 3D-Flex function and 420 mm height
- Seat upholstery: Integral foam (PU) black
- Seat shell colour in blue (3277)





Cat. No.	Product Description	Seat Height Adjustment	List Price	Promo Price
9123-2000-3277-521	Bimos Labsit 2 with castors	450-650 mm	£399.43	£199
9125-2000-3277-521	Bimos Labsit 4 with stop and go castors, and footring	560-810 mm	£493.46	£249

Visit www.sciquip.co.uk for full specifications.

Bimos Labsit Laboratory Stools

Cost-efficient and hygienic design make the Labsit stools an optimum choice for any laboratory. Cleanroom and GMP compatible. Resistant to disinfectants.

- Robust and durable
- Stable aluminium base
- Load dependent braked soft castors for hard floors



Cat. No.	Product Description	Seat Height Adjustment	List Price	Promo Price
9127-2000-521	Bimos Labsit Stool with castors	450-650 mm	£307.68	£155

Visit www.sciquip.co.uk for full specifications.



Laboratory Gloves

We offer a variety of gloves to suit many laboratory applications including:

- Powder-free nitrile, neoprene and latex
- Chemically resistant
- Biodegradable powder-free nitrile

Discover more on www.medlinescientific.com.

Empowering Scientific Discovery Globally



These offers are valid until 31st August 2024. Standard T&Cs apply. Prices exclude VAT and delivery, and are only valid in the UK. List prices are subject to change. E&OE. End-user pricing only; for distributer pricing please contact: aspiller@calibrescientific.com

WE ARE CALIBRE SCIENTIFIC