

SCIENTIFIC LABORATORY SUPPLIES PRESENTS



1st Sep - 31st Dec

FOCUS

AUTUMN

SEE INSIDE FOR:
EXCLUSIVE OFFERS
& **EXCITING NEW PRODUCTS**

⬡ **EPPENDORF**
Research® 3 neo Pipettes

(See page 3)

⬡ **OHAUS**
Vortex Genie™ 2 Mixers

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THERMO SCIENTIFIC™
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EPPENDORF
SpinPro® 6 R Smart
High-Performance
Centrifuges

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2026

Brought to you by the UK's largest independent supplier of scientific products

WELCOME

Welcome to another fantastic issue of **FOCUS**, packed with exclusive offers on laboratory products from market leading brands!

We have some exciting NEW offers in this edition, including the Eppendorf Innova® 42 Stackable Incubated/Refrigerated Shakers and the OHAUS Scout® Portable Balances. Speak to your local account manager to find out how these products can change your lab life for the better.

In addition to this issue, visit our website for online exclusive **FOCUS** Extra offers, for even more great savings on many other fantastic products.

REMEMBER

 These offers are **EXCLUSIVE** to SLS and valid until:

31st Dec 2026



Eppendorf Mastercycler® X50 PCR Thermal Cyclers
See page 6



Gilson PIPETMAN® L Single Channel Pipettes
See page 10



Benchmark Orbi-Shaker™
See page 37



Mettler Toledo SevenDirect™ Meter Kits
See page 47



LEC Medical LSFSC280BT Laboratory Plus Fridge Freezer
See page 52



SLS Lab Pro Statebourne Biosystem Vault Cryostorage
See page 55

HIGHLIGHTS



KEY PRODUCT SYMBOLS

- NEW** NEW product
- 1 YEAR** Length of warranty
- Made in Britain

KEY SUSTAINABILITY ATTRIBUTES

- Raw materials
- Manufacturing
- Distribution & packaging
- Use
- Disposal

For more information on our Sustainability Attributes, please visit:

www.scientificlabs.com/sustainability



Buy One, Get One TREE

Look out for products with the 'Buy One, Get One TREE' icon in our promotions. With every purchase of these products, we will plant a tree on your behalf.

Working in partnership with **Ecologi**



Eppendorf Research® 3 neo Pipettes

Comfortable pipetting with a short pipetting button and low operating forces. Shorter control button with integrated volume adjustment enhances ergonomics. Unique volume gear shift to either speed up volume changes or fine-tune easily with just one hand.

- Volume lock to prevent unintentional volume changes
- Pipetting performance beyond ISO 8655 requirements when used with epT.I.P.S.® pipette tips
- Full autoclavability and high UV and chemical resistance
- Independently validated via ACT® label by NGO My Green Lab



Code	Volume Range, µL	Colour	Supplied with
F26120	0.1 – 2.5	Dark grey	epT.I.P.S.® Box 2.0 (x 96 tips), ep Dualfilter T.I.P.S.® PCR clean and sterile rack (x 96 tips)
F26122	0.5 – 10	Medium grey	epT.I.P.S.® Box 2.0 (x 96 tips), ep Dualfilter T.I.P.S.® BioBased PCR clean and sterile reload (x 96 tips)
F26124	1 – 20	Light grey	epT.I.P.S.® Box 2.0 (x 96 tips), ep Dualfilter T.I.P.S.® BioBased PCR clean and sterile reload (x 96 tips)
F26126	1 – 20	Yellow	epT.I.P.S.® Box 2.0 (x 96 tips), ep Dualfilter T.I.P.S.® BioBased PCR clean and sterile reload (x 96 tips)
F26128	5 – 100	Yellow	epT.I.P.S.® Box 2.0 (x 96 tips), ep Dualfilter T.I.P.S.® BioBased PCR clean and sterile reload (x 96 tips)
F26130	10 – 200	Yellow	epT.I.P.S.® Box 2.0 (x 96 tips), ep Dualfilter T.I.P.S.® BioBased PCR clean and sterile reload (x 96 tips)
F26132	15 – 300	Orange	epT.I.P.S.® Box 2.0 (x 96 tips), ep Dualfilter T.I.P.S.® BioBased PCR clean and sterile reload (x 96 tips)
F26134	50 – 1000	Blue	epT.I.P.S.® Box 2.0 (x 96 tips), ep Dualfilter T.I.P.S.® BioBased PCR clean and sterile reload (x 96 tips)
F26136	100 – 2000	Red	epT.I.P.S.® sample bag (x 10 tips)
F26138	250 – 5000	Violet	epT.I.P.S.® sample bag (x 10 tips)
F26140	500 – 10,000	Turquoise	epT.I.P.S.® sample bag (x 10 tips)



Eppendorf BioBased Conical Tubes

Sterile, pyrogen-, DNase-, RNase-, and DNA-free. Produced from recycled 2nd generation feedstock material e.g. from cooking oil production, used oil production.

Code	Volume, mL	Pack
F26312	5	200
F26306	15	400
F26308	25	200
F26310	50	480

Eppendorf epMotion® Pipetting System Bundles

The epMotion® 5073 series automates and simplifies traditionally complex, labor-intensive pipetting tasks, saving time and improving the reliability and reproducibility of results.

epMotion® 5073l: Perfect for medium-throughput setup for PCR and qPCR, DNA/RNA normalisation, cherry picking, dilution series and reformatting, helps perform pipetting tasks with ease and greater efficiency.

epMotion® 5073t: Performs fast and efficient NGS library preparation of 1 to 24 samples. It is also ideal for automating more complex, time-consuming liquid handling tasks such as DNA/RNA extraction.

epMotion® 5073t NGS solution: For the automated NGS library preparation of up to 24 samples. It combines automated liquid handling and unique software features with all the accessories and high-quality consumables needed for reliable low-to-medium-throughput NGS library preparation.



May incur an additional delivery charge

Code	Includes
PCR-BUNDLE	epMotion 5073l, TS50 and TM50-8 dispensing tools, 96 well thermoadapter, reservoir rack with module, mains power cord, installation and training
UNIVERSAL-BUNDLE	epMotion 5073t, TS30 and TM300-8 dispensing tools, reservoir rack with module, thermoblock, mains power cord, installation and training
NGS-BUNDLE	epMotion 5073t NGS, mains power cord, installation and training

Eppendorf MiniSpin® and MiniSpin® Plus Microcentrifuges

- Extremely compact footprint
- Acceleration and deceleration time <13s
- User-friendly digital display for time and speed
- Separate short-spin key for fast and comfortable centrifugation
- Soft-touch lid closure for ergonomic lid locking
- Large LCD display
- MiniSpin® plus provides automatic RPM/RCF conversion, and extended timer to 99 min or continuous centrifugation
- Includes F-45-12-11 rotor which has a capacity of 12 x 1.5/2.0mL tubes



Code	Description	Max Speed, RPM	Max Speed, x g	Timer
F151377	MiniSpin®	800 - 13400	12100	15s - 30min
F151378	MiniSpin® Plus	800 - 14500	14100	15s - 99min

eppendorf



Eppendorf 5425/5425 R Microcentrifuges

2 YEARS



eppendorf



Refrigerated models provide precise temperature control for processing temperature-sensitive samples, with an advanced cooling system to ensure optimal separation results and reliable cooling at 4°C, even at maximum rotor speed.

- Aerosol-tight Eppendorf QuickLock® lids for simple and safe handling
- OptiBowl® design for quiet operation
- Soft-touch one-finger lid closure
- Max rotor capacity: 10 x 5.0mL vessels
- Max speed: 21300 x g (15060 RPM)
- Supplied with FA-24x2 rotor for 24 x 1.5/2.0mL tubes



Code	Description
F21768	5425 non-refrigerated with rotary knobs
F21770	5425 non-refrigerated with keypad
F26148	5425 refrigerated with rotary knobs
F26146	5425 refrigerated with keypad

Eppendorf SpinPro® 6 R Smart High-Performance Centrifuges

eppendorf



Designed to provide maximum convenience in the lab, with the Eppendorf QuickLock® Pro system, its electric lid drive and smart documentation. Swing-bucket rotors with RFID technology and adapters for tubes and bottles from 0.2mL to 1000mL as well as all types of MTP, PCR or deepwell plates. Fixed-angle rotors with RFID technology for high-speed molecular biology applications in tubes from 1.5 to 250mL.

- Large 7" VisioNize® touch display with intuitive control software
- High centrifugation speed of up to 20018 x g (13500 RPM)
- Up to 2L capacity
- Sustainable CO₂ based cooling with a temperature range from -11 to 40°C



- Automatic rotor recognition, and imbalance detection for maximum operational safety
- User management with multiple authorisation levels and RFID-based user login
- Connectivity to Eppendorf VisioNize® and LIMS

May incur an additional delivery charge

Code	Description
F26142	SpinPro® 6 R without rotor
F26144	SpinPro® 6 R with S-2xUniversal rotor and buckets/universal adapters for 5-50mL conical tubes and plates

Eppendorf Mastercycler® X50 PCR Thermal Cyclers

Elegantly combines speed, flexibility, and ease of use. With its intuitive touch screen offering precise fingertip control, the X50 PCR thermocycler enables easy PCR optimisation in advanced molecular biology research and dependable standardisation in routine PCR applications.

- Up to 10 units can be networked
- Up to 50 units can be combined with the CycleManager X50 software
- Wide selection of blocks
- flexlid® concept: automatic height adjustment of the lid allows you to use all types of consumables
- Gradient range: 30 to 99°C

Code	Description	Control Panel	Block Material	96/384 Well Plate	Heating Rate, °C/sec	Cooling Rate, °C/sec
F18200	X50s	Yes	Silver	96	10	5
F18202	X50i	No	Silver	96	10	5
F18204	X50a	Yes	Aluminium	96	5	2.3
F18206	X50l	No	Aluminium	96	5	2.3
F26150	X50h	Yes	Aluminium	384	5	2.3
F26152	X50t	No	Aluminium	384	5	2.3



Eppendorf Innova® 42 Stackable Incubated/Refrigerated Shakers

Heavy duty triple eccentric drive providing uniform motion and superb reliability. All units have audible and visual alarms, operate at 25 to 400 RPM, timer (0 - 99.9 hrs) with continuous operation or automatic shut off at the end of the study.

- Temperature range: ambient +5 to 80°C
- Refrigerated versions (R) temperature range: ambient -20 to 80°C (minimum set point is 4°C)
- Maximum flask size of 4L
- Platforms are sold separately

Code	Model	Orbit Size, mm	Temp Range, °C	Dims, w x d x h, mm
F26154	42	19	amb. +5 to +80	620 x 754 x 825
F26156	42 R refrigerated	19	amb. -20 to +80	620 x 754 x 825
F26158	42	25	amb. +5 to +80	620 x 754 x 825
F26160	42 R refrigerated	25	amb. -20 to +80	620 x 754 x 825



May incur an additional delivery charge

Eppendorf CellXpert® CS220 CO₂ Incubator Shakers

The CellXpert® CS220 is a large capacity, stackable CO₂ incubator shaker that was designed to accelerate mammalian suspension culture research projects. Minimises the risk of costly project delays by bringing the high contamination prevention standards of CO₂ incubator-based cell culture to the shaker world.

- 180°C sterilisation routine integrated, including wizard and downloadable performance protocol; no locally restricted UV-airflow/surface-disinfection
- Stainless steel chamber, hygienic design according to EN ISO 14159:2008
- Eppendorf X-drive, proven and tested shaker drive with four weight-supporting shafts for 24/7 vibration-free shaking
- 7" touchscreen shows all setpoints and current parameters at a glance; direct visual overview of logged data/events including door openings and alarms, user management

Code	Orbit Size, mm	% CO ₂	Dims, w x d x h, mm	Speed Range, RPM	Temp Range, °C
F26162	25	0.1 to 20	1318 x 838 x 133	20 to 300	amb. +8 to +60
F26164	50	0.1 to 20	1318 x 838 x 133	20 to 300	amb. +8 to +60



May incur an additional delivery charge

Eppendorf CryoCube® F440h/F570h ULT Freezers

Based on a strong compressor and a dynamic and strong cooling system for fast recovery to -80°C after opening. Provide your valuable samples a safe and cold location. The freezer minimises operating costs while providing superior protection for your critical samples. A combined insulation based on vacuum insulation panels and polyurethane foam enables extremely low energy consumption during long-term storage.

- 5 compartment layout and 5 insulated inner doors for easy sample access and safe sample storage
- Green hydrocarbon based cooling liquids (R290/R170)
- Air-cooling
- Automatic vent port on front door for fast sample access

May incur an additional delivery charge

Code	Description	Temp Range, °C	Dims, w x d x h, mm
F19086	F440h ULT freezer	-50 to -86	944 x 898 x 1950
F19088	F570h ULT freezer	-50 to -86	1103 x 898 x 1950





Flex up Your Team

epMotion® 96 Flex: Your smart 96-channel liquid handling device

We understand that your lab team is the driving force behind innovation. That is why we are excited to introduce our 96-channel pipetting system, the epMotion® 96 Flex – your new favorite team addition. With its smart features, the epMotion® 96 Flex is designed to elevate your lab’s performance.

- > Enables fast and easy liquid handling in both 96-well and 384-well plates
- > Interchangeable dispensing heads
- > Ergonomic handling, even in clean benches
- > Touchscreen user interface with intuitive software
- > High precision according to ISO 23783 standards

Discover more from Eppendorf
www.scientificlabs.com/eppendorf_automated_pipetting

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Bimos Neon Laboratory Chairs

5 YEARS

Ergonomic and flexible chairs providing optimal comfort and support. Permanent contact backrest follows the user’s movements, and ensures that the back always remains fully supported, synchronous technology provides an active-dynamic sitting experience with weight regulation.

- Featuring seat height, inclination, backrest height and depth adjustment
- Magic synthetic leather
- Orange flex strip and basalt grey backrest shell



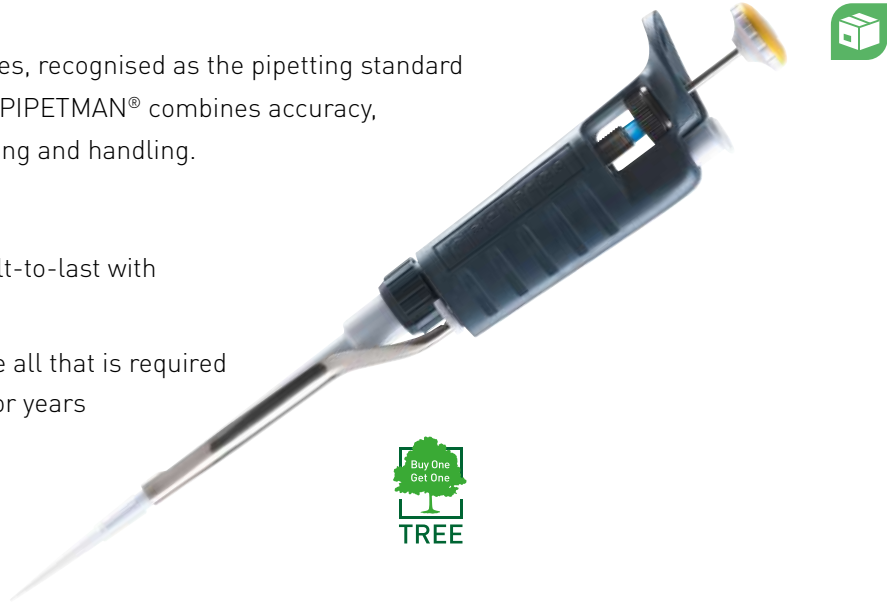
Code	Model
F19436	Neon 2 with castors and synchronous technology
F19438	Neon 3 with mounting aid, glides, and permanent contact backrest

Gilson PIPETMAN® Single Channel Pipettes

3 YEARS

Fully adjustable, air-displacement pipettes, recognised as the pipetting standard for their reliability and proven durability. PIPETMAN® combines accuracy, precision, and durability with easy pipetting and handling.

- Reduced pipetting forces
- Made of PVDF and stainless steel, built-to-last with premium durability
- Routine cleaning and maintenance are all that is required to keep PIPETMAN® in top condition for years
- Design allows for easy access to user-serviceable parts
- Autoclavable tip holder and ejector



Code	Model	Volume Range, µL
F13224T	P2	0.2 - 2
F13228T	P10	1 - 10
F13226T	P20	2 - 20
F13236T	P100	10 - 100
F13232T	P200	20 - 200
F13234T	P1000	100 - 1000
F13230T	P5000*	500 - 5000
F13238T	P10mL*	1000 - 10000

* P5000 and P10mL do not have tip ejectors

Gilson PIPETMAN® L Single Channel Pipettes

3 YEARS

GILSON



Comfortable, precise, accurate, and reliable, use PIPETMAN® L pipettes confidently in your applications. Lightweight and balanced, it combines an ergonomic design with minimised pipetting forces, giving you the ability to pipette longer without fatigue.

- Adjustable tip ejector button to adapt to both right and left handed users
- True volume-locking mechanism to avoid accidental volume changes
- Fully autoclavable without disassembly
- DataMatrix 2D code for easy traceability



Code	Description	Volume Range, µL	Ejector
F13196T	P2L	0.2 - 2	Metal
F13208T	P2L	0.2 - 2	Plastic
F13198T	P10L	0.5 - 10	Metal
F13210T	P10L	0.5 - 10	Plastic
F13200T	P20L	2 - 20	Metal
F13212T	P20L	2 - 20	Plastic
F13202T	P100L	10 - 100	Metal
F13214T	P100L	10 - 100	Plastic
F13204T	P200L	20 - 200	Metal
F13216T	P200L	20 - 200	Plastic
F13206T	P1000L	100 - 1000	Metal
F13218T	P1000L	100 - 1000	Plastic
F13220T	P5000L	500 - 5000	Plastic
F13222T	P10mL	1000 - 10000	Plastic



Benchmark myFuge™ Mini Centrifuge

2 YEARS

Ideal for quick spin downs of microtubes and PCR tubes. Includes: pre-installed eight-position microtube rotor, and rotor for 0.2mL PCR tubes and strips.

Code	Max Speed, RPM	Max RCF, x g	Dims, w x d x h, mm
F19444	6000	2000	145 x 178 x 114



IKA Lab Dancer Vortex Mixer

2 YEARS

Small, compact and reliable test tube shaker with a touch function. Designed for small sample tubes up to Ø 30mm. Excellent mixing action.

Code	Speed, RPM	Orbit Size, mm	Dims, w x d x h, mm
F19196	2800	4	100 x 100 x 70

Thermo Scientific™ Finnpipette™ Good Laboratory Pipetting (GLP) Kits

thermo scientific



Enjoy the convenience of having a variety of Finnpipette™ single channels packaged together, in a range of volumes, with compatible Finntip pipette tips and a pipette stand to support good laboratory pipetting in your lab.

- Finnpipette™ F1 pipettes feature a lightweight design, low plunger, tip attachment and ejection forces - plus a secure volume lock and adjustable finger rest
- Finnpipette™ F2 pipettes feature rugged construction and ease of maintenance for your more demanding applications; built with tough PVDF components that stand up to harsh chemicals and UV light, these variable volume pipettes are fully autoclavable without disassembling



Code	Includes
F22116	3 x Finnpipette™ F1 pipettes: 1 - 10µL, 10 - 100µL, 100 - 1000µL; Flex tips: 10µL, 200µL, 1mL (racks of 96); F-stand; GLP guide; reagent reservoir demo pack
F22118	4 x Finnpipette™ F1 pipettes: 0.2 - 2µL, 2 - 20µL, 20 - 200µL, 100 - 1000µL, Flex tips: 10µL, 2 x 200µL, 1mL (racks of 96); F-stand; GLP guide; reagent reservoir demo pack
F22120	3 x Finnpipette™ F1 pipettes: 10 - 100µL, 100 - 1000µL, 1000 - 10000µL; Flex tips: 200µL, 1000µL (racks of 96), 10mL (rack of 24); F-stand; GLP guide; reagent reservoir demo pack
F22128	3 x Finnpipette™ F1 pipettes: 2 - 20µL, 20 - 200µL, 100 - 1000µL; Flex tips: 2 x 200µL, 1mL (racks of 96); F-stand; GLP guide; reagent reservoir demo pack
F22122	3 x Finnpipette™ F2 pipettes: 1 - 10µL, 10 - 100µL, 100 - 1000µL; Flex tips: 10µL, 200µL, 1mL (racks of 96); F-stand; GLP guide; reagent reservoir demo pack
F22124	4 x Finnpipette™ F2 pipettes: 0.2 - 2µL, 2 - 20µL, 20 - 200µL, 100 - 1000µL; Flex tips: 10µL, 2 x 200µL, 1mL (racks of 96); F-stand; GLP guide; reagent reservoir demo pack
F22126	3 x Finnpipette™ F2 pipettes: 10 - 100µL, 100 - 1000µL, 1000 - 10000µL; Flex tips: 200µL, 1000µL (racks of 96), 10mL (rack of 24); F-stand; GLP guide; reagent reservoir demo pack
F22130	3 x Finnpipette™ F2 pipettes: 2 - 20µL, 20 - 200µL, 100 - 1000µL; Flex tips: 2 x 200µL, 1000µL (racks of 96); F-stand; GLP guide; reagent reservoir demo pack

SLS Lab Pro Pipettes

3 YEARS

Ergonomic comfort, reliable precision, and everyday practicality. Lightweight and balanced, each pipette fits naturally in the hand to reduce strain during repetitive pipetting tasks. A smooth, low-force piston system ensures effortless operation and consistent, reproducible results.

- Durable, reliable construction
- Accurate and reproducible ISO-compliant precision
- Fully autoclavable
- Adjustable tip-ejector configurable for right- or left-handed users
- Secure volume adjustment ratchet mechanism prevents accidental changes
- Colour-coded for easy identification



LAB PRO



Buy One Get One TREE

Code	Channel	Volume Range, µL
F151284T	1	0.2 - 2
F151285T	1	1 - 10
F151286T	1	2 - 20
F151287T	1	10 - 100
F151288T	1	20 - 200
F151289T	1	100 - 1000
F151290T	1	500 - 5000
F151291T	1	1000 - 10000
F151292T	8	0.5 - 10
F151293T	8	2 - 20
F151294T	8	20 - 200
F151295T	8	20 - 300
F151296T	12	0.5 - 10
F151297T	12	2 - 20
F151298T	12	20 - 200
F151299T	12	20 - 300



IKA Vortex 3 Mixer

2 YEARS

Compact vortex shaker suitable for short-time operation (touch function). With a wide, infinitely adjustable speed range. Interchangeable attachments and inserts sold separately.

Code	Speed Range, RPM	Orbit Size, mm	Dims, w x d x h, mm
F18094	500 - 2500	4	127 x 149 x 136



Benchmark myFuge™ 12 Plus Digital Mini Centrifuge

2 YEARS

Digital display with timer up to 99 mins. COMBI-Rotor for both tubes and strips.

Code	Max Speed, RPM	Max RCF, x g	Dims, w x d x h, mm
F21020	7000	2739	194 x 240 x 120

SLS Lab Basics Pipettes

3 YEARS

Single channel:

- Ergonomic design ensuring lightweight and soft plunger movement
- Click-stop system for volume selection
- Colour coded for easy identification
- Calibration conforms to EN-ISO 8655 with report enclosed with every pipette

Multi channel:

- Smooth and light tip loading and ejection
- Leak free sealing of tips
- Manifold is easily removable, fully autoclavable and can rotate 360° for easy right or left hand operation



Code	Channel	Volume Range, µL
F151300T	1	0.1 - 2.5
F151301T	1	0.5 - 10
F151305T	1	2 - 20
F151302T	1	5 - 50
F151303T	1	10 - 100
F151306T	1	20 - 200
F151304T	1	100 - 1000
F151307T	1	500 - 5000
F151308T	1	1000 - 10000
F151313T	8	0.5 - 10
F151309T	8	5 - 50
F151310T	8	10 - 100
F151311T	8	20 - 200
F151312T	8	30 - 300
F151318T	12	0.5 - 10
F151314T	12	5 - 50
F151315T	12	10 - 100
F151316T	12	20 - 200
F151317T	12	30 - 300

SLS Lab Pro Filter Pipette Tips

Constructed using a low retention polymer that virtually eliminates sample hold-up. Providing accurate and consistent sample delivery, and avoids the waste of precious samples and reagents. Sterile.



Code	Volume, µL	Pack
F23394T	10	960 (10 x 96)
F23396T	10	960 (10 x 96)
F23398T	20	960 (10 x 96)
F23400T	100	960 (10 x 96)
F23402T	200	960 (10 x 96)
F23404T	300	960 (10 x 96)
F23406T	1000	768 (8 x 96)
F23408T	1250	768 (8 x 96)

SLS Select Filter Pipette Tips

Pre-sterilised pipette tips with a 10⁻³ sterilisation assurance level, an inert aerosol filter that will not harm samples in the event of over-pipetting, and low retention technology for maximum sample retainment.

- Certified RNase/DNase, PCR inhibitor, and human DNA free
- Non-pyrogenic
- Packaged in durable racks with hinged lids



Code	Volume, µL	Length, mm	Pack
F25122T	10	Extended, 45.0	960 (10 x 96)
F25124T	20	51.4	960 (10 x 96)
F25125T	100	51.4	960 (10 x 96)
F25126T	200	50.7	960 (10 x 96)
F25120T	200	Extended, 77.5	768 (8 x 96)
F25123T	300	Extended, 77.5	768 (8 x 96)
F25127T	1000	72.0	1000 (10 x 100)
F25128T	1250	Extended, 102.0	768 (8 x 96)

OHAUS Scout® Portable Balances



Ready for your lab, wherever that may be. With the updated Scout® portable balances, you get the same exceptional accuracy and reliability of earlier Scout® balances along with several new improvements. Easy to use with a 4-button keypad and intuitive, visual menu prompts.

- Applications include weighing (7 units), counting, percent, display hold, totalisation, check weigh, specific gravity/density, dynamic
- LCD screen with white LED backlight
- Mains or battery
- Integrated overload protection system
- ABS plastic housing with stainless steel pan



Code	Model	Capacity, g	Readability, g	Pan Dims, mm
F26014	SKX123	120	0.001	Ø 93
F26016	SKX222	220	0.01	Ø 120
F26018	SKX422	420	0.01	Ø 120
F26020	SKX622	620	0.01	Ø 120
F26022	SKX1202	1200	0.01	170 x 140
F26024	SKX2202	2200	0.01	170 x 140
F26026	SKX421	420	0.1	Ø 120
F26028	SKX621	620	0.1	170 x 140
F26030	SKX2201	2200	0.1	170 x 140
F26032	SKX6201	6200	0.1	170 x 140
F26034	SKX8200	8200	1	170 x 140



Benchmark Vornado™ Miniature Vortexer



4mm orbit and fixed speed of 2800rpm, powerful vortexing for tubes up to 50mL. Inst-Touch™ pressure activated operation, footprint of less than 4 × 4 inches.

Code
F18440

SLS Lab Pro SM Series Balances

5 YEARS



Fan-less, integrated, direct current ioniser eliminates static. The automatic response adjustment function is powered by the embedded sensors to deliver fast and stable results to compensate for environmental variables.

- GLP/GMP/GCP/ISO best practice compliance
- One-touch, full digital internal calibration with auto self-calibration (ASC)
- High contrast backlit LCD display
- Dual draft rings (SM-20 and SM-22)
- RS-232 and USB ports
- AD1688 data logger stores up to 5000 weighing results



Code	Model	Type	Capacity, g	Readability, mg	Pan Dims, mm
F14388T	SM-22	Micro	5.1/22	0.001/0.01	Ø 25
F14386T	SM-20	Micro	22	0.001	Ø 25
F14390T	SM-252	Semi-micro	250	0.01	Ø 90
F14392T	SM-200	Analytical	220	0.1	Ø 90
F14394T	SM-300	Analytical	320	0.1	Ø 90
F14396T	SM-500	Analytical	520	0.1	Ø 90

SLS Lab Pro A Series Analytical Balances

5 YEARS



Top-loading analytical balances with a compact footprint. The breeze break has rotary sliding doors that slide behind the balance and can be removed with one touch. Combined with the small footprint, this make the balances ideal for applications where space is at a premium.

- Reverse backlit LCD display for easy to read weighing results
- Statistical calculation function eliminates the need for a stats printer
- Standard RS-232C
- Fast, compact SHS sensor, response time ~2 seconds
- Pan dims: Ø 90mm



Code	Model	Capacity, g	Readability, mg	Calibration
F151336T	100AZ	102	0.1	Internal
F151338T	100A	102	0.1	External
F151340T	150AZ	152	0.1	Internal
F151339T	150A	152	0.1	External
F151337T	250AZ	252	0.1	Internal
F151341T	250A	252	0.1	External

SLS Lab Basics Inverso TC100 Inverted Microscopes

1 YEAR



Robust enough to withstand the rigours of daily use and built to a high-quality specification. Ideally suited for multiple observation techniques and/or magnifications with a quintuple position nose-piece fitted as standard.

- Optical head: trinocular head inclined at 45°
- Eyepieces: 10x/20mm wide field
- Objectives: brightfield: 4x, 40x plan-achromatic LWD; phase contrast: 10x, 20x, 40x
- Condenser: NA 0.3, working distance 72mm (removable)
- Stage: 160 x 250mm with built-in mechanical stage and stage side extension
- Focusing: coaxial coarse and fine
- Illumination: LED, adjustable, with field diaphragm, HBO 100W ultra hi-voltage special spherical mercury lamp (F17204T only)
- Epi-fluorescence module (F17204T only) adds blue excitation (460 - 490nm) and green excitation (480 - 550nm)



Code	Description
F151126T	Inverso TC100 inverted microscope
F17204T	Inverso TC100 inverted microscope with epi-fluorescence

SLS Lab Basics 5MP Tablet Microscope Camera



Tablet camera with a HD 9.7" colour LCD touchscreen. Equipped with software that allows the user to preview an image, set the white balance, capture images and videos, as well as having measurement and annotation capabilities.

- Integral C-mount fitting
- Keyboard/mouse can be used to operate
- Wi-Fi and Bluetooth wireless networking
- External 32GB SD memory card
- Not suitable for fluorescence work



Code	CPU	Camera
F151127T	RK3066 dual-core 1.5Hz	15fps at 1024 x 768; 1/2.5 (4:3) 5MP CMOS

SLS Lab Basics Magnum Microscopes

1
YEAR



Robust T shaped base design to ensure maximum stability, with modern ergonomic features to allow for prolonged routine viewing.

- Eyepiece: 10x/20mm wide field
- Available with plan-achromatic and plan-achromatic positive phase objectives (CCS optics): 4X, 10X; 40X spring loaded, 100X (oil) spring loaded
- Pre-condenser with field diaphragm
- Condenser: brightfield Abbe NA 0.9 (1.25 oil), iris diaphragm and filter holder, rack and pinion focussing adjustment
- Stage: 210 x 410mm, 90mm transversal movement and 60mm longitudinal, nonius reading up to 0.1mm
- LED 3W with intensity control (halogen also available)



Code	Description
F18472T	Binocular with plan achromatic objectives
F18474T	Binocular for positive phase contrast
F18476T	Trinocular with plan achromatic objectives
F18478T	Trinocular for positive phase contrast

Synbiosis aCOLyte 3 HD Automatic Colony Counter

3
YEARS



Features simple to use software that greatly improves efficiency, reliability and productivity. The HD software uses a powerful algorithm for colony counting on pour and spiral plates.

- Accepts plates up to 90mm diameter
- Lighting is provided by LEDs mounted above and below the sample area for both transmitted and epi illumination
- Can be used with any conforming laptop or desktop PC and connects by a USB port
- Displays the image on your computer screen with counted colonies clearly marked, the zoom function allows the user to closely view plates, confirming accurate counting
- Plates are automatically counted with results directly transferred to Excel or OpenOffice
- Typically plates can be counted accurately in under 1 second
- CCD colour camera can be adjusted to increase the sensitivity of the detection, enabling colonies as small as 0.1mm to be imaged and counted



Code
F26002

Thermo Scientific™ Nunclon™ Sphera™ Plates and Dishes



With the super low cell attachment surface, Thermo Scientific™ Nunclon™ Sphera™ plates and dishes consistently promote 3D spheroid and organoid cultures, aiding you in cancer spheroid formation and stem cell differentiation for disease modeling and drug screening.



Code	Description	Pack
F22098	96 well microplate, U shape wells, 300µL/well	8
F24026	96 well microplate, 400µL/well	8
F22100	24 well plate, 1.9cm²/well culture area	7
F22102	12 well plate, 3.8cm²/well culture area	7
F22104	6 well plate, 9.6cm²/well culture area	7
F22106	35mm dish, 8.8cm² culture area	20
F22108	60mm dish, 21.5cm² culture area	20
F22110	90mm dish, 56.7cm² culture area	20
F22112	T25 flask, 25cm² culture area	18
F22114	T75 flask, 25cm² culture area	24

Corning® Transwell® Cell Culture Inserts



Transwell® cell culture inserts are convenient, easy-to-use permeable support devices for the study of both anchorage-dependent and anchorage-independent cell lines. Designed to produce a cell culture environment that closely resembles the *in vivo* state.

- 10µm thick translucent membrane
- TC treated for optimal cell attachment
- Supplied in multiple well plates
- Sterilised by gamma irradiation



Code	Membrane	Membrane Ø, mm	Pore Size, µm	Inner Pack	Pack
F24092	PC	—	0.4	96 inserts/plate	5
F24100	PC	6.5	0.4	12 inserts/plate	48
F20026	PE	6.5	0.4	12 inserts/plate	48
F20024	PE	12	0.4	12 inserts/plate	48
F24096	PC	—	3.0	96 inserts/plate	8
F24098	PE	12	3.0	12 inserts/plate	48
F24094	PC	—	5.0	96 inserts/plate	8
F24104	PC	6.5	5.0	12 inserts/plate	48
F20018	PC	6.5	8.0	12 inserts/plate	48
F24102	PE	6.5	8.0	12 inserts/plate	48

NIPPON Genetics EUROPE Bambanker™ Cell Stock Solution

Bambanker™ is a serum-free cryopreservation medium that is delivered ready-to-use. It permits cryopreservation of cells at -80°C (or in liquid nitrogen), avoiding time consuming and complicated controlled freezing protocols.

- Enables long term cell storage at -80 or -196°C
- Ready-to-use — no programmed or sequential freezing required
- Serum-free — no risk of contamination
- Produced in a GMP compliant facility
- Usable for all known cell lines
- Long shelf life
- Highest cell viability and recovery >90% — keep your cells safe
- Quick and easy protocol — just add and freeze



Code	Description	Pack
F26054	Bambanker	10mL
F26052	Bambanker	20mL
F26056	Bambanker	5 x 20mL
F26058	Bambanker	100mL
F26060	Bambanker Direct	20mL
F26062	Bambanker HRM	20mL
F26064	Bambanker HRM	100mL
F26066	Bambanker DMSO-free	20mL

SLS Flowgen Plate Spinner

2
YEARS

Mini sized centrifuge with a swing out rotor for microplates, which enables you to centrifuge plates before PCR to ensure all reactants are in the bottom of the wells. Includes a uniquely designed, swing out rotor with two plate carriers that rest at a 75° angle, so plates can be inserted without sealing tapes/caps.

- Accepts most types of PCR plates
- Most samples can be spun down in less than 20 seconds



Code	Max Speed, RPM	Max RCF, x g	Dims, w x d x h, mm
F14352	2550	600	230 x 260 x 197



NEW Thermo Scientific™ TSE Series Laboratory Refrigerators and Freezers

Cold storage essentials, built for ease-of-use and reliability



NEW Thermo Scientific™ FluidEase™ Pro ClipTip™ Electronic Pipette

Intuitive design, index-finger operation and large touchscreen



NEW Thermo Scientific™ Nalgene™ and Nunc™ colour-capped sample storage tubes

Visibility and reliability to help streamline your workflows



Thermo Scientific™ Orion™ Pro Star Bench Meters

Advanced technology and enhanced measurement capabilities

Discover more
www.scientificlabs.com/thermo_scientific

thermo scientific

Azenta Life Sciences 4titude Semi-Automated Sheet Heat Sealer

1 YEAR



Compatible with a wide range of seals and microplates, PCR and assay plates, as well as storage plates of differing designs and heights. With variable temperature and time settings, sealing conditions are easily optimised to produce a 100% seal, eliminating sample loss.

- Rapid heating element for quick start up
- Real time temperature display
- RS-232 port
- Unique and cost saving adapter system, supplied with standard plate carrier for sealing deep well plates and most skirted plates



Code	Sealing Temp Range, °C	Dims, w x d x h, mm
F23292	60 - 200	181 x 275 x 310

Accessories

Code	Description	Pack
F26294	Semi-automated sheet heat sealer adapter, for 96 well PCR plates	Each
F26296	Clear Heat Seal, peelable heat sealing film, 125 x 78mm	100 sheets
F26298	Clear Weld Heat Seal, optically clear heat sealing film, 125 x 78mm	100 sheets
F26300	Peel Heat Seal, peelable heat sealing foil, 125 x78mm	100 sheets

Tecan Infinite F50 Absorbance Plate Readers

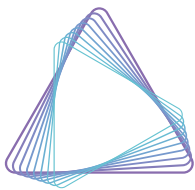
2 YEARS

Ideal for photometric measurements of ELISAs and kinetic assays in the 400 to 750nm wavelength range. The systems' innovative design combines eight measurement channels with long-life LED lamps for fast parallel reading and minimal maintenance costs.

- Ready for qualitative and quantitative data analysis
 - Magellan™ example files and tutorials enable you to get started easily
 - 405nm, 450nm, 492nm and 620nm filters included
- Eight-channel optics for fast reading
 - Reference channel for optimised light intensity
 - Linear plate shaking

This item may incur an additional delivery charge

Code	Description
F26166	Infinite F50
F26174	Infinite F50 PLUS, IVDR certified



AZENTA
LIFE SCIENCES

BECAUSE EVERY SAMPLE AND EVERY MOMENT MATTERS.

- FluidX™ Sample Tubes & Instruments
- Ziath Tube & Rack Code Reading Systems
- 4titude PCR Microplates & Instruments
- FreezerPro® Inventory Management Software
- Automated Storage & Cryogenics

Explore Solutions & Offers at scientificlabs.com



Accuris SmartReader™ 96 Microplate Absorbance Reader with Incubation

1 YEAR



A convenient stand alone reader with a 7" touch screen, intuitive software and graphical interface. Offers precise temperature control for incubation of plates during processing.

- 8 channel vertical optical path, with zero dispersion
- Integrated, multi-speed plate shaker
- USB port allows quick and easy saving of data files to a USB drive
- Data port can be used for connecting a computer or basic printer
- Complete with 4 popular filters: 405, 450, 492 and 630nm, additional filters available separately



Code	Absorbance Range, A	Wavelength Range, nm	Incubator Temp Range, °C	Dims, w x d x h, mm
F16194	0 - 4.000	340 - 750	Ambient +5 to 50	295 x 440 x 225

Accuris SmartWasher™ 96 Microplate Washer

1 YEAR



Automates the process of ELISA plate washing so assays can be prepared quickly and accurately. Accepts full plates, partial plates, and strips with U, V, C, or flat bottoms. Parameters easily programmed with the 4.3" LCD display and keypad.

- Up to 100 wash protocols customised, stored, and transferred via flash drive
- 1 rinse, 1 waste, and 2 wash bottles
- Liquid level sensors in wash/waste bottles
- Auto rinse function
- Control of aspiration needle position accurate to 0.1mm
- Minimal residual liquid, <1µL/well
- 8/12 channel manifolds (sold separately) accommodate plates in either orientation



Code	Dims, w x d x h, mm
F151254	345 x 460 x 200

Blue-Ray Biotech TurboCyclers

2 YEARS



The TurboCycler Lite thermal cycler is economical and versatile, making it an ideal choice for routine PCR tasks. The TurboCycler 2 provides outstanding performance with the most flexibility, designed specifically to enhance PCR efficiency and accuracy. The TurboCycler 3 is ideal for high-throughput PCR for multi-user, multi-condition labs, allowing you to run 3 independent experiments simultaneously.

- Easy to control, intuitive operation experience
- Gradient optimisation
- Fully adjustable lid temperature
- Lite model has physical button driven interface, 2 and 3 models have intuitive touch interface touch screens



Code	Model	Capacity	Heating Rate, °C/sec	Adjustable Ramp Rate	Temp Uniformity, °C
F16288	Lite	96 well, 0.2/0.1mL	3	0.1 - 5.0°C/sec	±0.5
F16286	2	96 well, 0.2/0.1mL	5.5	0.1 - 5.5°C/sec	±0.3
F23054	3	3 x 48 x 0.2/0.1mL (independent control)	5	High/low	±0.4

NIPPON Genetics EUROPE FastGene® qFYR Real-Time PCR Systems

1 YEAR



High-precision qPCR instrument ensures sensitive detection and accurate quantification of DNA and RNA. An outstanding level of sensitivity and virtually no cross talk between wells due to the small distance between the scanning head and the plate. 4 or 6 different colour channels are installed in the scanning head to be able to excite all commonly used qPCR dyes in a single plate scan (8 seconds).

- Excellent temperature control, precision (±0.2°C), and uniformity over the entire plate
- Powerful included analysis software
- 1.3-fold target discrimination
- Melt curve analysis
- Gradient qPCR for optimal annealing



Code	Description
F25001	FastGene® qFYR 4+1 channel system: 4 different colour channels and 1 second FAM channel
F25002	FastGene® qFYR Plus 6 channel system: 6 different colour channels
F26048	FastGene® qFYR 384 4+1 channel system: 4 different colour channels and 1 second FAM/SYBR channel
F26050	FastGene® qFYR 384 Plus 6 channel system: 6 different colour channels

Meridian Bioscience Liquid Stable DNA qPCR Mixes

High-performance, 5x liquid master mix that delivers consistent, reliable results. Its liquid, ready-to-use format is fully compatible with manual pipetting and automated liquid handling.

A high-concentration, ambient-stable master mix that delivers consistent amplification performance, even under fast cycling and multiplex conditions.

- Flex has 12 month ambient stability without primers and probes
- Ready has 12 month ambient stability with or without primers and probes
- Cold chain not required - reduces energy use, packaging waste and temperature-controlled shipping requirements

Code	Description	Pack
F25067	Liquid Stable Flex DNA qPCR mix	200 reactions
F25068	Liquid Stable Flex DNA qPCR mix	1000 reactions
F25069	Liquid Stable Flex DNA qPCR mix	10000 reactions
F25070	Liquid Stable Ready DNA qPCR mix	200 reactions
F25071	Liquid Stable Ready DNA qPCR mix	1000 reactions
F25072	Liquid Stable Ready DNA qPCR mix	10000 reactions



Whatman™ Syringe Filters

Whatman™ disposable syringe filters are the ideal choice for the preparation of samples.

- Easy-to-use female Luer-Lock/ male slip Luer connections
- Non sterile
- 25mm Ø
- Housing consists of ISCC PLUS-certified biobased polypropylene
- GD/X syringe filters feature a pre-filtration stack for hard to filter samples

Code	Description	Membrane	Pore Size, µm	Pack
F26226T	Puradisc	PTFE	0.2	50
F26220T	Puradisc	PTFE	0.45	200
F26216T	Puradisc	PP	0.45	200
F26228T	Puradisc	PES	0.45	200
F26214T	Puradisc	PTFE	1.0	50
F26212T	Puradisc	PTFE	1.0	1000
F26218T	GD/X	GMF	0.45	150
F26230T	GD/X	CA	0.45	150
F26222T	GD/XP	PVDF	0.45	150
F26224T	GD/XP	PVDF	0.45	1500



Merck Millipore® Millex™ Syringe Filters

- Colour-coded band on the housing indicates which membrane is inside
- Manufactured in a controlled environment using an automated process, with a certificate of quality included in each box
- Polypropylene housing, offering a low level of extractables and broad chemical compatibility

Code	Description	Membrane	Membrane Ø, mm	Pore Size, µm	Sterility	Pack
F26272	Millex Vent	PTFE	25	0.2	Sterile	25
F26274	Millex-FG	PTFE	25	0.2	Sterile	50
F26254	Millex-LCR	PTFE	33	0.45	Non sterile	1000
F26276	Millex-FG	PTFE	50	0.2	Non sterile	10
F26278	Millex-GV	PVDF	13	0.22	Sterile	100
F26280	Millex-HV	PVDF	13	0.45	Non sterile	1000
F26282	Millex-GV	PVDF	33	0.22	Sterile	50
F26284	Millex-GV	PVDF	33	0.22	Sterile	250
F26286	Millex-HV	PVDF	33	0.45	Sterile	50
F26288	Millex-HV	PVDF	33	0.45	Sterile	250
F26290	Millex-HV	PVDF	33	0.45	Non sterile	1000
F26256	Millex-OR	MCE	25	0.22	Sterile	50
F26260	Millex-GS	MCE	25	0.22	Sterile	50
F26262	Millex-HA	MCE	25	0.45	Non sterile	1000
F26258	Millex-HA	MCE	33	0.45	Sterile	50
F26266	Millex-GP	PES	33	0.22	Sterile	50
F26268	Millex-GP	PES	33	0.22	Sterile	250
F26270	Millex-GP	PES	33	0.22	Sterile	250
F26264	Millex-HN	NYLON	33	0.45	Non sterile	1000



Corning® Vacuum Filter/Storage Bottle Systems

- PES membranes provide the fastest flow rates, the lowest protein binding and low extractables, and are best for filtering cell culture media
- Angled hose connector simplifies vacuum line attachment
- Individually packaged, sterile and nonpyrogenic

Supplied in packs of 12

Code	Capacity, mL	Pore Size, µm	Membrane Dims, cm2
431153-P	150	0.22	13.6
431096-P	250	0.22	19.6
431097-P	500	0.22	13.6
431098-P	1000	0.22	54.5



SLS Select Media Bottles

Perfect for everyday laboratory use and suitable for many applications, such as storage of culture media. Made from high quality borosilicate glass 3.3 to ISO 3585, and includes GL45 blue polypropylene cap and pouring ring.

- Heat and chemical resistant
- White graduations and marking spot
- Sloped shoulders for easy pour
- Standards to ISO 4796-1
- Autoclavable



Code	Capacity, mL	Dims, Ø x h, mm	Pack
F151342T	100	56 x 100	10
F151343T	250	70 x 138	10
F151344T	500	86 x 176	10
F151345T	1000	101 x 225	10
F151346T	2000	136 x 260	10
F151347T	5000	186 x 330	Each
F151348T	10000	234 x 410	Each
F151349T	20000	299 x 505	Each

SLS Select Vials

Having the right containers for sample storage and analysis is crucial. These vials and bijous provide an excellent solution for storing, transporting, and handling a wide variety of samples, ensuring the accuracy and reliability of experimental outcomes.

See the SLS website for more offers!



Code	Description	Pack
F24652T	Screw neck vial, tall form, with polypropylene closure, 1.75mL	882
F24648T	Screw neck vial, tall form, with polypropylene closure, 7mL	399
F24108T	Bijou, with fitted aluminium cap, 7mL	288
F24686T	Bijou, with polypropylene cap, 7mL	1715
F24656T	Screw neck vial, tall form, with polypropylene closure, 10.5mL	399
F24644T	Screw neck vial, tall form, without closure, 14mL	264
F24662T	Screw neck vial, squat form, with polypropylene closure, 14mL	190
F24660T	Screw neck vial, squat form, with polypropylene closure, 28.2mL	140
F24106T	Universal vial, with fitted aluminium cap, 30mL	144
F24636T	Specimen tube, flat bottom, with push in polythene stopper, Ø x h: 12 x 50mm	100

Azenta Life Sciences Ziath Mirage Connect Tube Rack Reader

The first and only fully networked camera-based reader on the market, equipped with Cryoprotection™, a special proprietary coating that eliminates the condensation and ensures uninterrupted reading. With high-resolution imaging and plug-and-play RJ45 connectivity, it ensures fast, reliable sample ID — even in frozen conditions.

- Cryo-optimised design reduces fogging and protects frozen samples
- 16 MP imaging sensor ensures precise and fast tube reads
- Wide labware compatibility & robotics friendly



Code

F26292

Benchmark MC-24™ Touch High Speed Microcentrifuge

2 YEARS

Benchmark Scientific

Featuring large, full colour touch screen control showing actual speed, set, and remaining time. Up to 9 speed/time profiles can be stored in memory and the home screen displays a "mySpin" icon for instant recalls of a designated favourite profile.

- Unique air-flow system keeps samples cool
- Cold room safe
- Includes: unique COMBI-Rotor™ with lid that will accept 24 x 1.5/2.0mL tubes, 2 strips of 0.2mL tubes (16 x 0.2mL), and up to 12 x spin column kits without requiring separate adapters



Code	Max Speed, RPM	Max RCF, x g	Dims, w x d x h, mm
F151253	13500	16800	230 x 305 x 197

Benchmark MC-24R™ Refrigerated High Speed Microcentrifuge

2 YEARS



Compact and convenient refrigerated centrifuge, with a next generation touch control panel. Unique status indicator light informs the user if the unit is running, in standby, or has completed a run.

- Adjustable acceleration/decelerations rates
- Up to 99 programs stored
- Touch operation
- Timer: 20 sec. to 99 hrs. / continuous
- Includes: unique COMBI-Rotor™ with lid that will accept 24 x 1.5/2.0mL tubes and 2 strips of 0.2mL tubes (16 x 0.2mL)



Code	Max Speed, RPM	Max RCF, x g	Temp Range, °C	Dims, w x d x h, mm
F23536	13500	16800	-20 to +40	280 x 550 x 290

OHAUS Disruptor Genie™

2 YEARS



A powerful mechanical cell disruption device ideal for challenging glass bead procedures, including the disruption of yeast cells, bacteria, tissue or any sample requiring violent high-speed agitation. Supports high-throughput disruption of up to 12 microtubes, 1.5mL or 2.0mL, snap cap or screw cap. With zinc-casted housing, universal microtube holder and mounting bracket.

- Digital control
- Timed or continuous operation
- LED display
- Timer: 1 min – 99 min
- Speed alarms: On/Off, adjustable



Code	Speed Range, RPM	Dims, w x d x h, mm	Weight, kg
F26040	1,000 to 2,850	122 x 165 x 190	4.3

OHAUS Vortex Genie™ 2 Mixers

2 YEARS



Vortex Genie 2 offers variable speeds for precise mixing; ensuring accuracy and repeatability. Proven to operate for decades, the Vortex Genie's solid build and robust design ensures reliable performance across diverse application environments. Features 30+ accessories (sold separately) and quick-change capability, enabling mixing from small tubes to large vessels.

- Digital control
- Red LED display
- Dims, w x d x h, mm: 122 x 165 x 165
- Speed range, RPM: 500 to 3000
- Timer, 1–99 seconds, 1–99 minutes, or continuous
- Weight, 4kg
- Orbit size: 3.5mm



Code	Description
F26036	Vortex-Genie 2
F26038	Vortex-Genie 2 ABI, for applied biosystems microplate protocols

Benchmark BenchMixer™ MP Vortex Mixer

2 YEARS



With included holders for tubes and plates, as well as a cup head for pressurised/touch vortexing, the BenchMixer™ MP is a complete package designed to meet the mixing needs of any laboratory. Mixing speed is adjustable from 200 to 3,000 RPM and time can be set up to 999 minutes or continuous. A unique, automatic recognition feature detects the installed sample holder and adjust the maximum speed setting accordingly.

- Compact footprint (only 5 inches wide) and powerful suction cup feet
- Accepts a wide range of microplates, including deep well, PCR, Elisa plates, etc.
- Includes tube accessories for vortexing of 1.5/2.0mL, 15mL, or 50mL tubes
- Converts to a traditional "touch" mode vortexer with included cup head attachment



Code
F23538

SLS Lab Basics Mini Vortex Mixer

5 YEARS



A simple, touch start operation enables exceptional mixing performance with one handed operation, and shaking stops when the tube is lifted.

- Non-slip feet ensure the unit stays in place
- Made from durable ABS and silicone materials to resist most commonly used chemicals
- Quiet operation with low vibration, noise level (full speed, unloaded): 53dB
- Can be used with tubes ranging from 2 to 50mL
- Supplied with replacement silicone cap and universal power adapter



Code	Speed Range, RPM	Weight, kg	Dims, w x d x h, mm
F14982T	4500 (fixed)	0.9	110 x 130 x 75

Benchmark BenchMixer™ XL Multi-Tube Vortexer

2 YEARS



The BenchMixer™ XL is a heavy-duty vortex mixer designed to facilitate hands-free mixing in tubes, flasks, vials or cylinders. It is ideal for the QuEChERS pesticide analysis method and is instantly adaptable to an exceptionally broad range of vessels, racks and applications (horizontal or vertical).

- Assortment of accessories (sold separately) for a variety of tubes, flasks and plates
- Pulsing program for interval mixing
- Fits almost any tube rack
- Timer: 1 min. to 99 hr. 59 min.
- Orbit: 3.6mm
- Platform dims: 30 x 17.8cm
- Includes: 50 x 12mm tube rack



Code	Speed Range, RPM	Dims, w x d x h, mm	Weight, kg
F21774	500 - 2500	385 x 235 x 420	13

SLS Lab Basics Tube Roller

2 YEARS



Designed for the gentle, thorough mixing of a variety of containers, including Vacutainers™, bottles, test tubes, centrifuge tubes, and roller bottles. Built-in tilt feature, this additional up/down motion provides a "wave" effect and guarantees the sample is subjected to thorough mixing, end to end.

- Featuring variable speed control
- Smooth 5° tilting notion
- Accepts tubes and bottles from 8 to 200mm



Code	No. of Rollers	Speed Range, RPM
F22328	10	2 to 80

Benchmark Roto-Mini™ Plus Rotator

2 YEARS



Suitable for an array of laboratory applications including resuspension, protein binding, nucleic acid purification, etc. The motion can be adjusted from vertical (end over end) mixing, to horizontal (rolling or hybridisation style) mixing.

- Mix function: rotating in combination with oscillations (increased mixing)
- Pause function: rotating with intermittent stops during rotation
- Rock function: back and forth, gentle rocking motion (see-saw)
- Includes: 2 x tube holders for 11 x 1.5/2.0mL tubes, 2 x tube holders for 5 x 10/15mL tubes, 2 x tube holders for 5 x 5-7mL tubes, and 1 x tube holder for 6 x 50mL & 24 x 0.5mL tubes



Code	Speed Range, RPM	Dims, w x d x h, mm
F17180	5 to 70	410 x 137 x 199

IKA T 10 battery ULTRA-TURRAX Disperser

2 YEARS

Battery-operated, cordless homogeniser designed for small volumes up to 100mL (H₂O). Ideal for on-site sampling or use in a cabinet due to its compact and portable design and the fact that it does not require an electricity supply. It is also ideal as a tissue homogeniser to break down complex tissues.

- Large TFT display for easy parameter viewing
- Brushless DC motor for quieter operation
- Precise speed setting with numerical values
- Timer and counter functions
- Rechargeable battery



IKA®

Code	Supplied with
F25034	S 10 N - 5 G dispersing tool, H 44 boss head clamp, R 104 stand

IKA EUROSTAR 40 Digital Overhead Stirrer

IKA®

For simple mixing tasks up to 25 litres (H₂O) and viscosities up to 30,000 mPas. Maximum torque of 60 Ncm at low speeds and linear adjustment to 40 Ncm at maximum speed. The torque trend measurement shows the viscosity trend of the sample (± 6 Ncm accuracy), the torque trend is shown directly on the display. Automatic speed adjustment in the range from 30 to 2000 RPM.

- Large LCD display
- Quick-release chuck
- Lock key prevents accidental changes to setting
- Automatic shut-off in the event of blocking or overload
- Protection class IP 54: resistant to splash water and steam
- Brushless motor: durable, clean and quiet in operation
- Connectivity and documentation, USB and RS232 interfaces
- Compatible with labworldsoft® laboratory software



Code
F26046

SLS Lab Basics Mini Magnetic Stirrer

5 YEARS

LAB BASICS



Ideal for routine stirring applications.

- Quiet operation with low vibration, noise level (full speed, unloaded): 53dB
- Low-profile design with a small footprint
- Made from an ABS and PC blend that is chemical resistant and easy to clean
- Supplied with 2 stir bars (9 x 35mm) and universal power adapter



Code	Capacity, L	Speed Range, RPM	Dims, w x d x h, mm	Weight, kg
F14980T	3	200 to 2200	132 x 183 x 47	0.45

OHAUS Guardian™ 5000 Hotplates and Stirrers

OHAUS

Offering powerful heating and mixing, with premium hardware and software to support diverse users. Heating models reach up to 550°C and feature 3 temperature control modes for quick or precise heating without overshoot. SafetyHeat™ and SmartHeat™ features combined with the run dry protection system, plus the time run mode provide complete safety. SmartRate™ system supports heating & stirring from fast and intensive to soft and precise, with a range of accessories (sold separately) for a variety of applications.

- Intuitive user interface
- RS232 port included for remote control or data logging
- Backlit LCD display, heating/stirring status indicators, and a hot top indicator
- Robust full metal housing, ceramic square top plate or ceramic-coated aluminium round top plate
- High performance SmCo magnet (stirring models)
- Audible alarm
- IP32 protection
- With temperature probe and probe holder



Code	Description	Plate Dims, mm
F23600	Hotplate	178 x 178
F23602	Hotplate stirrer	178 x 178
F23604	Hotplate stirrer	254 x 254
F23606	Hotplate stirrer	135 Ø

IKA RCT Basic Magnetic Stirrer with Heating



Combines uncompromising safety, exceptional robustness, and maximum efficiency with intuitive and easy handling. The RCT basic comes with integrated menu functionality, significantly expanding the range of functions and enabling the integration of wireless temperature sensors (accessories required).

- Dims, w x d x h, mm: 160 x 100 x 200
- Plate dims: 135mm
- Plate material: aluminium alloy
- Speed range: 50 – 1500 RPM
- Temp range: 0 – 310°C
- Weight: 2.3kg



Code	Description	Supplied with
F26042	RCT Basic	—
F26044	RCT Basic ready-to-go	RCT basic, IKAFLON® 30 magnetic stirring bar, IKAFLON® 40 magnetic stirring bar, BC 1000 beaker cap, H 16 V support rod, PT 1000.60 temperature sensor, stainless steel H 44 Boss head clamp, H 38 Holding rod, H 80 Temperature sensor holder, screwdriver

SLS Lab Basics Hotplate Stirrers



The constant monitoring system provides precise control of temperature with rapid heating and faster boiling times. The powerful motor drive system ensures efficient mixing in larger and more viscous samples. Temperature and mixing speed can be viewed on the large digital display, and a safety LED illuminates when the top plate temperature exceeds 50°C. An external temperature probe can also be used for applications that require precise control of sample temperature.

- Large, white ceramic work surface
- Digital speed and temperature control
- Temp range: 35 to 400°C
- Speed range: 150 to 1500 RPM
- Operating temp range: +4 to +65°C



Code	Plate Dims, mm
F22734	178 x 178
F22736	254 x 254

Benchmark Orbi-Shaker™



Capable of mixing a 14lb load capacity up to speeds as high as 300RPM. The standard platform (included) features a non-slip, rubber coated surface, ideal for tissue culture flasks, petri dishes and staining trays. The convenient MAGic Clamp™ platform (sold separately) is also available for use with Erlenmeyer flasks and test tube racks. The unique, magnetic attachment method is the easiest way to instantly change between flask clamps of different sizes.

- High capacity: up to 9 x 500mL, 5 x 1L or 2 x 2L
- Horizontally circular 19mm orbit for aeration & mixing
- Touch screen display
- Digital speed control
- Instantly exchange flask clamps with MAGic Clamp™ accessories (sold separately)
- Max load: 6kg
- Timer: 1 min to 99 hrs



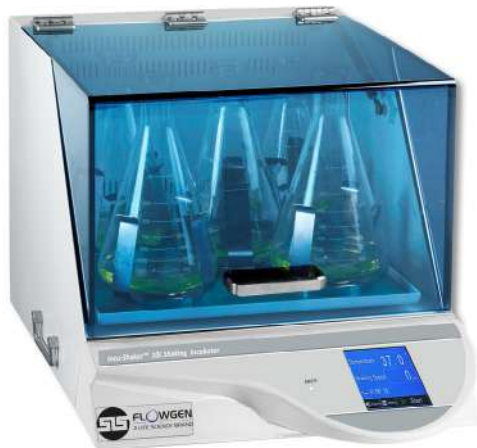
Code	Speed Range, RPM	Platform Dims, mm	Dims, w x d x h, mm	Weight, kg
F26304	30 to 300	330 x 300	280 x 430 x 75	11.5

SLS Flowgen Incu-Shaker™ Shaking Incubators



Provide digitally regulated temperature with precisely controlled, circular (orbital) mixing, optimised for the culture of a wide variety of cell types. The standard platform (included) features a non-slip, rubber coated surface, ideal for tissue culture flasks, Petri dishes and staining trays.

- Temperature, shaking speed and run time displayed
- Sophisticated over-temperature and over-speed
- Exceptional temperature uniformity
- Horizontally circular 19mm orbit
- Exchange flask clamps in one second with MAGic Clamp™ magnetic system (sold separately)



Code	Model	Temp Range, °C	Temp Uniformity, °C	Platform Dims, mm	Dims, w x d x h, mm
F14950	Mini	Ambient +5 to 70	±0.5	235 x 292	280 x 480 x 330
F14960	10L	Ambient +5 to 60	±1.0	450 x 450	510 x 650 x 470
F16530	10LR	Ambient -12 to 60	±1.0	450 x 450	510 x 790 x 560

Esco OrbiCult™ Incubator Shakers



Precise control over critical parameters such as temperature, rotation speed, humidity, and CO₂ concentration. Tailored to various applications including bacterial, fungal, mammalian, and insect cell cultures, as well as plasmid DNA production, protein expression, and culture medium development.

- PID control for precise temperature regulation with variable frequency compressor in all models
 - 10 inch colour touchscreen for easy control and monitoring
 - Dual crossflow fans ensure uniform temperature, reliable even at low temperatures
 - CO₂ infrared sensor for accurate CO₂ concentration measurement
 - Real-time monitoring system maintains reproducible environment
 - Linear motion shakers with push-pull rails and triple-axis balanced drive
 - Brushless motor with built-in filter magnetic ring for low noise operation ≤55dB
 - Double-layer transparent window and safety tempered glass door
- Stainless steel interior for durability
 - Three-tier stacking design with independent layer control (stacking stand required)
 - Multi-parameter alarm system for temperature, CO₂, humidity, and power interruptions
 - Data recording and storage capabilities of up to 912 days
 - 3-tier user management control, only authorised personnel can modify critical parameters



Code	Model	CO ₂ Control	Door Style	Orbit Size, mm	Capacity, L
F26176	OC-30	No	Down swinging door	26	30
F26178	OC-30T	No	Top swinging door	26	30
F26180	OC-30S	No	Down swinging door	50	30
F26182	OC-30ST	No	Top swinging door	50	30
F26184	OC-30C	Yes	Down swinging door	26	30
F26186	OC-30CT	Yes	Top swinging door	26	30
F26188	OC-30C5	Yes	Down swinging door	50	30
F26190	OC-30C5T	Yes	Top swinging door	50	30
F26192	OC-40	No	Down swinging door	26	40
F26194	OC-40T	No	Top swinging door	26	40
F26196	OC-40S	No	Down swinging door	50	40
F26198	OC-40ST	No	Top swinging door	50	40
F26200	OC-40C	Yes	Down swinging door	26	40
F26202	OC-40CT	Yes	Top swinging door	26	40
F26204	OC-40C5	Yes	Down swinging door	50	40
F26206	OC-40C5T	Yes	Top swinging door	50	40

SLS Lab Pro Laboratory Incubators



Chamber manufactured from bright polish stainless steel lagged with high efficiency thermal insulation. Digital temperature control up to 80°C with program feature run back timer. Over temperature auto set and class 1 over temperature protection. Single insulated door with clear inner polycarbonate door, lockable with 2 point door engagement for an even seal, and door chime when left open.

- Anti-bacterial paint finish
- Temperature range ambient +5 to 80°C
- PID digital, LED display showing actual or set temperature, resolution 0.1°C
- Gravity natural convection
- Temperature sensor fail alarm with error reporting
- Shelf runners adjustable in 20mm steps vertically



Code	Capacity, L	Ext Dims, w x d x h, mm	Int Dims, w x d x h, mm	No. of Shelves	Shelf Positions
F16476T	60	600 x 605 x 720	400 x 400 x 360	2	5
F16478T	110	600 x 660 x 980	400 x 450 x 620	2	8
F16480T	250	800 x 720 x 1160	600 x 510 x 800	3	10

SLS Lab Pro Personal Autoclaves



Ideal for general laboratory use and easy to operate, with simple one touch operation and fast cycle times. All models are suitable for sterilising glassware and instruments. Model F21228T is designed with additional safety features for sterilising media.

- Lightweight and portable
- Sterilising temperatures ranging from 121 to 134°C



Code	Description	Max Temp, °C	Capacity, L	Chamber Dims, Ø x d, mm
F21224T	Standard autoclave	126	9	210 x 230
F21226T	Autoclave with gauges	126	12	210 x 270
F21228T	Media autoclave	121	12	210 x 270
F21230T	Autoclave with printer	134	9	210 x 230

Astell Swiftlock Front Loading Autoclaves



Astell's Swiftlock front loading autoclave range is factory fitted with a large number of features as standard, making it suitable for sterilising liquids (media), discard, glassware and other instruments.

- Floorstanding
- Heaters in the base of the chamber
- An electropolished stainless steel chamber
- 5.7" colour touchscreen with integrated USB data port
- Unique 'Swiftlock' door closure system
- Delayed start feature
- Media 'Holdwarm' feature
- Over temperature protection
- Cooling lock
- Safety valve test
- Emergency stop button
- External pressure gauge
- Validation port
- Drain valve
- Easy loading access



Bundles For Bottled Media

Bundles include: fan cooling, load sensed process timing, installation, functional testing, user training and delivery.

Code	Capacity, L	Chamber Dims, Ø x d, mm	Dims, w x d x h, mm
F26092	120	454 x 740	685 x 1100 x 1320
F26102	153	454 x 945	685 x 1310 x 1320

Bundles For Touch Drying Loads

Bundles include: integral steam generator, heated jacket, water cooling jacket, advanced vacuum, integral air compressor, load sensed process timing, installation, functional testing, user training and delivery.

Code	Capacity, L	Chamber Dims, Ø x d, mm	Dims, w x d x h, mm
F26104	120	454 x 740	685 x 1310 x 1320
F26116	153	454 x 945	685 x 1100 x 1320



Benchmark myTemp™ Mini Digital Incubator



With heating and cooling. Digital temperature control, 13 x 14.5" footprint, accepts bottles and flasks up to 2L.

Code	Temp Range, °C	Capacity, L	Dims, w x d x h, mm
F14968	Ambient -15 to 60	20	335 x 370 x 475

**ASTELL AUTOCLAVES.
DELIVERED TOMORROW.
ONLY FROM SLS.**

When you need an autoclave fast, there is only one place to go. Choose from the AMB Ecofill Benchtop, AMB Classic Fill Benchtop, and AMA Ecofill Compact Top-Loading Autoclaves: Compact, convenient, lab-trusted models with easy-to-use touchscreen controls. SLS is the only supplier on the planet offering next-day delivery on selected Astell autoclaves.

Next Day Delivery: UK mainland only, excluding the Scottish Highlands. Terms and Conditions Apply. See scientificlabs.com for details. Astell Autoclaves available while stocks last.

LTE Labclave-L Autoclaves

Designed for convenience, the Labclave-L series includes a front access panel and easy access side panels to simplify servicing and maintenance. Engineered to generate steam in the most efficient manner, saving on utilities and offering a more sustainable sterilisation option.

- Air-Ballast technology, ensuring safe sterilisation of fluids and sealed containers
- Advanced water conservation system reduces the water-to-drain ratio
- A re-circulating exhaust condensate unit enables discharge water temperatures to be kept below 70°C
- Automatic door with safety edge and e-stop
- A robust stainless steel armour flex load probe provides greater resilience in daily use
- Automatic door for hands-free convenience
- Adjustable sterilisation temperatures from 105 to 140°C for greater flexibility
- Robust construction and user-friendly touchscreen controls with a 20-cycle control panel

Includes:
FREE extended 24 month warranty provided the customer takes out a service contract with LTE for the same 24 month period and FREE standard palletised delivery to the customer's site



Code	Model	Steam Source	Chamber Capacity, L	Chamber Dims, w x d x h, mm	Dims, w x d x h, mm	Shelf Positions
F24478	AL0150EV-SE	Integral generator	150	600 x 500 x 515	1870 x 730 x 1335	2/15
F24488	AL0150DV-SE	Direct steam	150	600 x 500 x 515	1870 x 730 x 1335	2/15
F24480	AL0225EV-SE	Integral generator	225	600 x 500 x 745	1870 x 730 x 1480	2/15
F24490	AL0225DV-SE	Direct steam	225	600 x 500 x 745	1870 x 730 x 1480	2/15
F24482	AL0300EV-SE	Integral generator	300	600 x 500 x 1000	1870 x 730 x 1565	2/15
F24492	AL0300DV-SE	Direct steam	300	600 x 500 x 1000	1870 x 730 x 1565	2/15
F24484	AL0360EV-SE	Integral generator	360	700 x 670 x 765	1970 x 900 x 1480	2/20
F24494	AL0360DV-SE	Direct steam	360	700 x 670 x 765	1970 x 900 x 1480	2/20
F24486	AL0450EV-SE	Integral generator	450	700 x 670 x 965	1970 x 900 x 1635	2/20
F24496	AL0450DV-SE	Direct steam	450	700 x 670 x 965	1970 x 900 x 1635	2/20

Thermo Scientific™ NanoDrop™ ND Ultra Microvolume Spectrophotometers

NEW

thermo
scientific

The Thermo Scientific™ NanoDrop™ Ultra spectrophotometers represent the next generation of microvolume detection. These instruments deliver exceptional accuracy and sensitivity with sample volumes as low as 1µL. The NanoDrop™ Ultra is designed to streamline workflows across a wide range of fields, including genomics, proteomics, molecular biology, biotechnology, pharmaceutical, and life sciences research.

Thermo Scientific™ Acclaro™ sample intelligence technology is built into every instrument for improved measurement accuracy and contaminant identification. The optional Acclaro™ Pro software, compatible with the NanoDrop™ Ultra instruments, unlocks elevated accuracy for highly concentrated samples with an improved algorithm.

- Compact design and large high-resolution 10.1" touch screen interface
- Accurate high concentration measurements — absorbance measurements within 5% error up to 550 Abs (10mm equivalent) — up to 400mg/mL IgG or 18,000ng/µL
- Quick dilution-free process — take triplicate measurements on the pedestal in 2 minutes
- Enhanced calibration — bundled purchases get an additional calibration from the factory to calibrate the instrument for exceptional accuracy within the Acclaro™ Pro applications
- Export to the cloud — export data directly to popular cloud storage services
- Direct LIMS integration — send data directly into your LIMS with the assistance of an integrated RESTful API
- Easy data-to-printer options — print your results directly from the NanoDrop™ Ultra instrument via Wi-Fi, Ethernet or USB printer connection
- Data your way — customise and preview the information included in the data file prior to export to ensure it meets any downstream needs

With FREE performance verification solution, dust cover and SLS Lab Pro pipette single channel 0.2-2µL



Code	Model	Description
F26326	NanoDrop™ ND Ultra	For pedestal-only absorbance sampling
F26302	NanoDrop™ ND UltraC	For pedestal or cuvette absorbance sampling

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Our service capabilities can be found below, but get in touch if you have requirements outside of this list...

Equipment	Repair	Calibration	UKAS ISO 17025 Calibration	Mapping Including Chamber UKAS ISO 17025 Calibration	Maintenance Contracts	Validation
Aspirators	✓	-	✓	✓	✓	-
Autoclaves	✓	✓	✓	✓	✓	✓
Balances (Semi Micro, Micro, Precision, Portable & Moisture)	✓	✓	✓	-	✓	✓
Cell Washers	✓	✓	✓	✓	✓	✓
Centrifuges (Benchtop/Floorstanding)	✓	✓	✓	-	✓	✓
Climatic Stability Chambers	✓	✓	✓	✓	✓	✓
Cryostorage (LN ₂ Freezers, Associated Plant, O ₂ Monitoring, & Extract LN ₂ Generators)	✓	✓	✓	✓	✓	✓
Dry Block Heaters	✓	✓	✓	✓	✓	✓
Drying Cabinets	✓	✓	✓	✓	✓	✓
Drying Ovens	✓	✓	✓	✓	✓	✓
Freeze Dryers	✓	✓	✓	✓	✓	✓
Gas Monitoring & Detection Safety Systems	✓	✓	✓	✓	✓	✓
Hotplate Stirrers	✓	-	✓	✓	✓	-
Ice Flakers	✓	-	-	-	✓	-
Incubators (O ₂ /CO ₂ /RH/Shakers)	✓	✓	✓	✓	✓	✓
Media Preparation	✓	✓	✓	✓	✓	✓
Microscopes (Basic, Entry & Advanced)	✓	✓	✓	✓	✓	✓
pH Meters	✓	✓	✓	✓	✓	✓
Pipettes (Single & Multichannel, Repeater)	✓	✓	✓	-	✓	-
Plasma Thawers	✓	✓	✓	✓	✓	✓
Platelet Storage Systems	✓	✓	✓	-	✓	✓
Refrigerators & Freezers (Laboratory, Blood Bank & Controlled Rate)	✓	✓	✓	✓	✓	✓
Safety Cabinets	✓	✓	✓	✓	✓	✓
Scales (Bench, Compact, Counting, Crane, Floor, Pallet Truck, Platform)	✓	✓	✓	-	✓	✓
Spectrophotometers	✓	✓	✓	✓	✓	✓
Temperature Monitoring Systems	✓	✓	✓	-	✓	✓
Test Weights	-	✓	✓	-	✓	-
Thermometers	✓	✓	✓	✓	✓	-
Vacuum Ovens & Concentrators	✓	✓	✓	✓	✓	✓
Vacuum Pumps	✓	-	✓	✓	✓	-
Walk-In Rooms	✓	✓	✓	✓	✓	✓
Water Chillers, Recirculators & Baths	✓	✓	✓	-	✓	✓
Water Purification Systems	✓	✓	-	-	✓	✓

Cole-Parmer® SP-200 Series Visible and UV/Visible Spectrophotometers



High quality, low cost units for spectrophotometric applications in schools and colleges, as well as in QC and testing procedures for a wide variety of services and industries.

- Absorbance, %T and concentration modes
- Multi-parameter display with wavelength and photometric readouts
- Wide range of sampling accessories
- Domed lid of SP-250-VIS accepts tubes up to 105mm tall
- SP-200-UV utilises a high quality pulsed xenon lamp
- Wavelength accuracy: ±2nm
- Absorbance: -0.300 to 1.999A



Code	Model	Description	Light Source	Wavelength Range, nm	Bandwidth, nm
F22514T	SP-200-UV	UV/visible spectrophotometer	Xenon	198 to 1000	8 [6 over UV range]
F20060T	SP-200-VIS	Visible scanning spectrophotometer	Tungsten Halogen	320 to 1000	8
F26970T	SP-250-VIS	Visible scanning spectrophotometer	Tungsten Halogen	320 to 1000	8

Cole-Parmer® SP-300 Series Visible and UV/Visible Spectrophotometers



These SP-300 series single beam spectrophotometers have improved optics resulting in a narrow spectral bandwidth of 5nm and absorbance range of -0.3 to 2.5A. All models feature measurement modes for absorbance, % transmittance, and concentration. Advanced models add spectrum scanning, quantitation, and kinetics.

- Icon driven software and easy to use navigation system provide intuitive usability
- Minimal footprint with large graphical display
- Autologging capabilities enable repeat measurements of the same sample with a selected time interval
- Wavelength accuracy: ±2.0nm
- Wavelength reproducibility: ±0.5nm



Code	Model	Description	Light Source	Wavelength Range, nm
F21132T	SP-300-VIS	Visible scanning spectrophotometer	Tungsten Halogen	320 to 1000
F26972T	SP-300-UV	UV/visible scanning spectrophotometer	Xenon	198 to 1000
F26976T	SP-350-VIS	Advanced visible scanning spectrophotometer	Tungsten Halogen	320 to 1000
F16020T	SP-350-UV	Advanced UV/visible scanning spectrophotometer	Xenon	198 to 1000

Cole-Parmer® SP-400 Series Scanning Spectrophotometers



The SP-400 series spectrophotometers offer measurement modes for single wavelength with basic absorbance and % transmittance; concentration calculated using a standard or a factor; optical density; quantitation with the ability to create a calibration curve using up to 6 standards and 3 replicates; full spectrum scanning and kinetics where up to 3 wavelengths can be measured simultaneously. Leverage diode array technology to produce exceptionally fast results.

- Colour touchscreen user interface with 4" display
- Large sample chamber
- Sample chamber lid can also be left open during measurements which is ideal for samples in tall test tubes
- Scanning diode array technology
- Multiple USB ports for data storage and printer connectivity
- Absorbance: -0.3 to 2.5A
- Wavelength accuracy/reproducibility: ±2.0nm
- Dims, w x d x h: 212 x 422 x 120mm



Code	Model	Description	Light Source	Bandwidth, nm	Wavelength, nm
F14346T	SP-400-VIS	Visible scanning spectrophotometer	Tungsten Halogen	7	335 - 800
F14348T	SP-400-UV	UV/visible scanning spectrophotometer	Xenon	5	198 - 800

Mettler Toledo SevenDirect™ Meter Kits



Accurate and flexible meters with large colour touchscreen providing direct measurement and easy data entry. Closed connector compartment and replaceable cover keep the instrument safe from dust and spills, even with the sensors attached. The EasyPlace electrode arm makes placing the sensor easy, with dedicated positions for cleaning and storage.

- Instructions guide users through the sensor calibration process
- Stores data like timestamp, sample and sensor ID
- Two-level user management protects important settings
- Display adapts to your needs



Code	Model	Supplied with
F20086	SD20 pH meter	pH electrode InLab Expert Pro-ISM, electrode arm, pH buffer sachets
F20102	SD30 conductivity meter	Conductivity sensor InLab 731-ISM, electrode arm, conductivity standard sachets
F20138	SD23 pH/conductivity meter	pH electrode InLab Expert Pro-ISM, conductivity sensor InLab 731-ISM, electrode arm, pH buffer and conductivity standard sachets
F20112	SD50 pH/ion meter	pH Electrode InLab Expert Pro-ISM, electrode arm, calibration pH buffer sachets

Porvair Sciences UltraPPM LITE Positive Pressure Manifold



A simple and reliable instrument for processing multiwell filter plates, with superior well-to-well reproducibility. Designed and precision engineered to effortlessly process samples from start to finish, a perfect solution for vacuum manifold users looking to increase throughput with ease, consistency and control. Processes sensitive and challenging samples e.g. volatile, moisture-sensitive or viscous, with well-to-well uniformity and plate-to-plate reproducibility.

- Dual range controls for flow and pressure
- Precise and uniform delivery of air flow
- Interchangeable heads for 48 and 96-well processing
- Open design for real-time visual confirmation of sample flow through
- 2 button operation features for safety and prevention of accidental processing



Code	Description
F26004	UltraPPM LITE standard base instrument

Processing Heads

Code	Description
F26006	96 well
F26010	48 well

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Automation-ready

Ultravap® Gemini
Dual-position manual system

Ultravap® Mistral XT150
Extended high for glass vials, tubes and non-standard plates

Thermo Scientific™ Hypersil GOLD™ Peptide HPLC Column



Designed for stability and lot-to-lot consistency, this column meets the needs of biopharmaceutical product development and manufacturing control. Performance is assured through dual quality confirmation, including a peptide-based QC test, ensures confidence in ultrapure silica, ligand bonding, and column packing for unparalleled sequence coverage and higher peak capacity compared to other peptide columns.

- Particle size 1.9µm
- Excellent reproducibility with minimal RSD%, ensuring consistency from column-to-column and lot-to-lot
- Optimised peptide retention
- Uniquely holds onto hydrophilic peptides, ensuring no critical data is missed
- Exceptional peak capacity for detailed and clear separations, ensuring every component is distinctly resolved
- Advanced PTM analysis
- High sequence coverage provides a comprehensive analysis



Code	Length, mm	Max Pressure, psi
F26068	50	14503
F26070	100	21756
F26072	150	21756

Supelco® Ascentis® Express HPLC Columns



Ascentis® Express HPLC columns, through the use of Fused-Core® particle technology, can provide both the high speed and high efficiencies of sub-2µm particles while maintaining lower backpressures. The combination of high efficiency and low backpressure benefits UPLC® (or other ultra high pressure system) users, as well as conventional HPLC users.

- Can be used for PFAS testing
- Stainless steel column
- Matrix: Fused-Core® silica particle platform



Code	Particle Size, µm	Dims, l x Ø, mm
F26234T	2.7	50 × 3
F26236T	2.7	50 × 4.6
F26238T	2.7	50 × 2.1
F26240T	2.7	100 × 2.1
F26242T	2.7	150 × 2.1
F26244T	2.7	250 × 2.1
F26246T	2.7	100 × 3.0
F26248T	2.7	150 × 3.0
F26250T	2.7	250 × 3.0
F26252T	3	50 × 2.1

SLS Lab Pro PURA-Q+ Type 1 and 2 Water Purification Systems

1 YEAR



Combines ultrapure and DI water in one unit saving you money and space. Type 2 water is ideal for buffer, reagent and media preparation, sample dilution and general chemistry. Type 1, dispensed direct from the unit or using an optional remote dispenser, is perfect for the most sensitive applications such as cell and tissue culture, molecular biology, electrophoresis, chromatography, and spectroscopy.

- Intuitive, icon-based, interactive, touchscreen user interface
- Up to 2L/min ultrapure water with volumetric dispense
- Variable make up rate, up to 25L/hr
- Mount on-bench, under-bench or on the wall
- Continuous TOC monitoring
- Low endotoxin, RNase, DNase and protease options available



Installation service available - please enquire

Code	Model	Dispenser
F17184T	PurA-Q+ 20	Integrated
F17186T	PurA-Q+ 20 R	Remote

Reservoirs

Code	Capacity, L	Description	Dims, w x d x h, mm
F151364T	30	Storage reservoir	405 x 230 x 495
F151365T	60	Storage reservoir	480 x 330 x 495
F151366T	100	Storage reservoir	480 x 360 x 810
F17188T	100	Storage reservoir with pump	480 x 360 x 810



SLS Flowgen Digital Dry Baths

2 YEARS

Digital accuracy and convenience. Temperature range: ambient +5 to 150°C, temperature accuracy: ±0.2°C, temperature increments: 0.1°C, temperature uniformity: ±0.2°C, timer: 1 to 999 minutes. Blocks for a wide variety of tube sizes sold separately.

Code	Description	Dims, w x d x h, mm
F22324	Single position	200 x 230 x 80
F22326	Double position	220 x 260 x 80

Benchmark myBath™ CR Circulating Water Bath



With constant circulation, water temperature is uniform throughout the chamber, eliminating "cold-spots" and allowing for quick recovery following insertion of frozen samples. Accessories are available for securing test-tubes (sold separately), and a gabled lid can be used to improve efficiency (sold separately).

- Large digital display
- Constant water circulation, ensures even temperature distribution
- Digital PID processing for precise temperature control
- Stainless steel chamber and coil
- Ambient +5° to 100°C
- Stainless steel chamber and circulating coil



Code	Capacity, L	Dims, w x d x h, mm
F24410	10	275 x 335 x 303

Grant ORCA Closed Loop Recirculating Chiller



The ORCA delivers stable, precise temperature control to replace costly, inconsistent and wasteful tap-water systems, helping laboratories dramatically cut water consumption and reduce utility spend. By capturing and re-using waste heat, ORCA further lowers operational costs by easing demand on air-conditioning.

- Energy efficient, adaptive cooling — adapts to varying heat load conditions across a range of -10 to 40°C
- Easy to use and intuitive interface
- System exhausts less heat to the room
- Effective cooling control with excellent stability of ±0.1°C
- Easy integration — compact design with a range of accessory connectors and hosing kits
- Very quiet 49dB operation
- Timer 1 to 999 mins with audible alarm
- High temperature warning alarm



Code	Capacity, L	Weight, kg	Dims, w x d x h, mm
TEM1012	1.7	20	260 x 450 x 400

Labcold Sparkfree Stacking Refrigerator and Freezer

2 YEARS



Specially manufactured sparkfree interior, with all sources of potential ignition removed from the chamber. Anything that could cause a spark is located outside of the chamber, making it a significant aid to laboratory safety. For extra peace of mind it is backed by a 2 year parts and labour warranty. Not suitable for storing open containers of volatile substances.

RLPR0517 refrigerator:

- Off cycle automatic defrosting
- 3 adjustable shelves
- Door lock
- Temperature display
- High/low temperature alarm
- Door open alarm

RLVF0417 freezer:

- Manual defrost
- Door lock with 2 keys
- Self closing, solid door
- Temperature display
- High/low audio and visual temperature alarm, door open alarm



Code	Description	Capacity, L
F22404	RLPR0517 refrigerator	150
F22406	RLVF0417 freezer	124
F22412	Stacking kit	—

LEC Medical LSFSC280BT Laboratory Plus Fridge Freezer

2 YEARS



Spark free — nothing in the interior of the appliance has a risk of igniting flammable liquids. Local temperature monitoring — the controller is Bluetooth enabled and allows for simple, contactless monitoring of temperature and alarm history. Flexible internal storage — multiple shelf positions provide flexible storage options.

- Temperature range fridge: +2°C to +10°C / freezer: -18°C to -25°C
- Defrost setting fridge: auto (off cycle), freezer: manual
- Open door sensor
- Lock with 2 Keys
- Temperature alarm

FREE 8L Portable Cooler!



Code	Capacity, L	Dims, w x d x h, mm	Weight, kg
F26208	280	595 x 600 x 1660	58.8

Liebherr Performance Refrigerators

2 YEARS

LIEBHERR

Laboratory refrigerators with fan-assisted cooling and spark-free interior.

- Maximum deviation of just $\pm 3^{\circ}\text{C}$ from the set temperature
- Adjustable temperature range: $+3^{\circ}\text{C}$ to $+16^{\circ}\text{C}$
- Equipped with a mechanical lock with two keys
- Antibacterial lever handle
- Easy to clean interior, manufactured seamlessly from one piece of polystyrene
- All settings that influence the function or control of the appliance can be secured by password

May incur an additional delivery charge



Code	Description	Capacity, L	Dims, w x d x h, mm
F24062	SFTfg 1501	101	597 x 605 x 819
F24064	SRFfg 4001	394	597 x 654 x 1884
F24070	SRFfg 5501	558	747 x 769 x 1684

Liebherr Performance Freezers

2 YEARS

LIEBHERR

The perfect partner for your laboratory combining performance with temperature stability. Innovative safety features with monitoring and alarm functions offer comprehensive protection, and the one piece, robust polystyrene interior is quick and easy to clean. Self-closing door $<90^{\circ}$ with interchangeable door hinge, mechanical lock with two keys, and antibacterial lever handle.

- Temperature range: -9 to -30°C with fluctuation $<\pm 5^{\circ}\text{C}$
- SmartFrost reduces frost build-up
- Calibration function
- Cleanroom compatible (DIN EN ISO 14644)
- Min/max temperature recording
- Power failure info
- Password secured function/control settings
- Spark-free models comply with ATEX Directive

May incur an additional delivery charge



Code	Description	Capacity, L	Dims, w x d x h, mm
F24060	SFTfg 1501 with drawers	101	597 x 605 x 819
F24068	SFFfg 4001 spark-free with shelves	316	597 x 654 x 1884
F24066	SFFfg 4001 spark-free with drawers	316	597 x 654 x 1884
F24074	SFFfg 5501 spark-free with shelves	499	747 x 769 x 1684
F24072	SFFfg 5501 spark-free with drawers	499	747 x 769 x 1684

Haier Biomedical Cryo Chest Freezer

5 YEARS

Haier Biomedical
Intelligent Protection of Life Science



With a storage environment about 20°C colder than the water recrystallisation temperature, it is suitable for storage of a variety of biological samples and testing materials.

- 10" LCD touchscreen display with temperature accuracy of 0.1°C
- Environmentally friendly HC refrigerant
- Energy saving dual-compressors 4 stage cascade refrigeration system
- Wide cabinet opening design, outer door multi-layer sealing, standard with two inner doors, to prevent the loss of cold
- Audible and visual alarms, user programmable high and low temperature alarm set points, power failure, sensor error, door ajar, etc.



May incur an additional delivery charge

Code	Model	Temp Range, °C	Capacity, L	Dims, w x d x h, mm
F19426	DW-150W209	-130 to -150	200	1650 x 850 x 1010

SLS Lab Pro Statebourne Cryostor LN₂ Storage Tanks

5 YEARS



In partnership with
STATEBOURNE
cryogenics



High performance cryogenic liquid storage for the laboratory. Equipped with a safety dispensing head incorporating fill, vent and dispense valves, safety reliefs, pressure gauge and an integral pressure build vaporiser with automatic pressure regulation.

- Stainless steel construction
- Electronic level gauge for accurate reading of contents
- Heavy duty castor wheels on models up to 240L, and 180 and 240L models also have pull along tow bar handle
- Normal operating pressure 1.5 bar
- Maximum operating pressure 3 bar

FREE gloves, hose and phase separator!



May incur an additional delivery charge

Code	LN ₂ Capacity, L	Dims, h x Ø, mm	Weight, kg
F21258	30	786 x 540	50 (empty), 75 (full)
F21260	60	900 x 620	65 (empty), 113 (full)
F21262	90	1083 x 620	80 (empty), 153 (full)
F21264	120	1122 x 720	98 (empty), 195 (full)
F21266	180	1378 x 720	124 (empty), 268 (full)
F21268	240	1645 x 690 x 690 (square)	140 (empty), 334 (full)

SLS Lab Pro Statebourne Biosystem Vault Cryostorage

2+ YEARS



The Biosystem Vault Series offer incredibly low operating costs with minimal LN₂ consumption and class-leading storage temperatures.

- Temperature stability between -188 and -190°C
- -180°C top rack temperature
- Contents security is assured with a 14 day power-down temperature retention of below -150°C
- Evaporation rate of 0.75 to 1L per day
- LN₂ regeneration
- No pipeline or bulk LN₂ required
- Clear user interface for ease of use displaying payload temperature, liquid level and range in days remaining
- Continuous live online monitoring for level, range in days, temperature and controller function
- Programmable logging intervals
- High-resolution touchscreen
- Lockable lid
- CE MDD 93/42/EEC compliant
- UL and C-UL compliant
- 7 year vacuum warranty, 2 year parts

May incur an additional delivery charge

Code	Model	Vial Capacity, 2mL
F26314	Biosystem 21 Vault	21000
F26316	Biosystem 40 Vault	37500
F26318	Biosystem 60 Vault	60000
F26320	Biosystem 80 Vault	69300
F26322	Biosystem 100 Vault	91300
F26324	Biosystem 100+ Vault	97600

FREE LN₂ for the first year!





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