

SCIENTIFIC LABORATORY SUPPLIES PRESENTS



1st Feb - 31st May

FOCUS

SPRING

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

◇ Corning
Classical Media

(See page 27)

◇ IKA T 18 Mini
ULTRA-TURRAX Homogeniser

(See page 19)



OHAUS®
Adventurer™
Balances

SEE
PAGE
14



Eppendorf
5425/5425R
Microcentrifuges

SEE
PAGE
3

2025

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

NEW

NEW product

1
YEAR

Length of warranty



Made in Britain



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 epT.I.P.S.® BioBased Pipette Tips and the Geringe Applikon Bioreactor BioBundles. 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 May 2025

KEY

SUSTAINABILITY ATTRIBUTES



Raw materials



Manufacturing



Distribution & packaging



Use

For more information on our Sustainability Attributes, please visit:



Disposal

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 CryoCube® F570 Series ULT Freezers
See page 3



Benchmark Pulse 150 Ultrasonic Homogeniser
See page 18



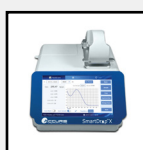
Grant ecocool Refrigerated Circulating Baths
See page 20



Thermo Scientific™ Orion Lab Star PH111 Bench pH Meter Kit
See page 22



Azenta Life Sciences 4titude Semi-Automated Roll Heat Sealer
See page 34



Accuris SmartDrop™ X Nano Spectrophotometer
See page 36

HIGHLIGHTS



**SCIENTIFIC
LABORATORY
SUPPLIES**



Eppendorf CryoCube® F570 Series ULT Freezers

5
YEARS

eppendorf

Air-cooled freezer based on a strong compressor for fast recovery to -80°C after opening, minimising operating costs while providing superior protection for your valuable samples. With traditional insulation ("n" version) or combined insulation based on vacuum insulation panels and polyurethane foam which enables extremely low energy consumption ("h" version).

- Volume: 570L (up to 40000 samples)
- Temperature range: -50 to -86°C
- Efficient compressor control system
- 5 compartment layout and 5 insulated inner doors
- Green cooling liquids (R290/R170)
- Stainless steel interior; powder-coated steel exterior

May incur an additional delivery charge

Code	Model	Average Energy Consumption, kWh/day	Dims, w x d x h, mm
F19088	F570h	7.4	1103 x 898 x 1950
F23020	F570n	8.3	1103 x 898 x 1936



Eppendorf 5425/5425R Microcentrifuges

2
YEARS

eppendorf

Whisper quiet 24 place microcentrifuges offering outstanding set of features. 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
- Extended rotor program
- 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 1.5/2.0 mL tubes



Code	Description
F17002	5425 R refrigerated with keypad
F21770	5425 non-refrigerated with keypad
F17004	5425 R refrigerated with rotary knobs
F21768	5425 non-refrigerated with rotary knobs

Eppendorf epT.I.P.S.® Standard BioBased Pipette Tips

NEW



eppendorf



By using a second-generation biobased polymer made from 100% renewable resources (e.g. waste and residues from vegetable oil refining or waste cooking oil), the product-related carbon footprint of these tips is significantly reduced. These new tips expand Eppendorf's portfolio of sustainable solutions to reduce the carbon footprint of your laboratory without compromising the excellent technical properties of conventional tips.

- In resealable bags
- Made of 100% biobased polypropylene
- ISCC certified plastic that can be traced back to biological waste material
- Identical performance properties and premium quality as equivalent fossil-based epT.I.P.S.®
- Eppendorf Quality purity grade



Code	Volume, µL	Length, mm	Pack
F23024	0.1 - 10	34	1000 (2 x bags of 500)
F23026	0.1 - 20	40	1000 (2 x bags of 500)
F23028	0.5 - 20	46	1000 (2 x bags of 500)
F23030	2 - 200	53	1000 (2 x bags of 500)
F23032	20 - 300	55	1000 (2 x bags of 500)
F23034	50 - 1000	71	1000 (2 x bags of 500)
F23036	50 - 1250	76	1000 (2 x bags of 500)
F23038	50 - 1250	103	1000 (4 x bags of 250)
F23040	250 - 2500	115	500 (5 x bags of 100)
F23042	100 - 5000	120	500 (5 x bags of 100)
F23044	200 - 5000	175	300 (3 x bags of 100)



Bimos Neon Laboratory Chairs

5 YEARS



Ergonomic and flexible chairs providing optimal comfort and support. Featuring seat height, inclination, backrest height and depth adjustment. Magic synthetic leather.

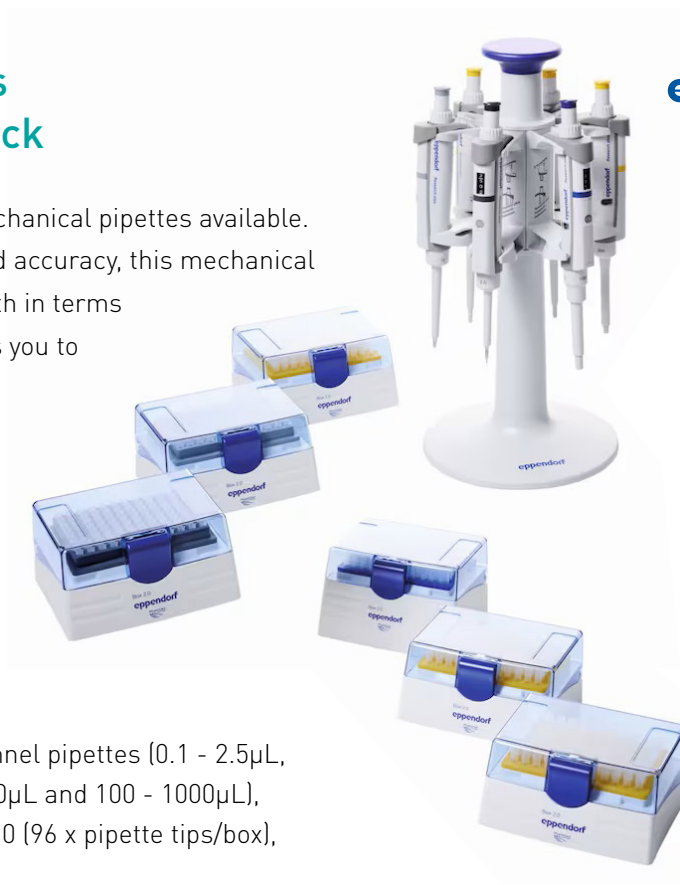


Code	Model	Mechanism
F19436	Neon 2 with castors	Synchronous technology
F19438	Neon 3 with mounting aid & glides	Permanent contact backrest

Eppendorf Research® plus Single Channel Pipette Pack

One of the safest and most ergonomic mechanical pipettes available. Meeting the highest needs of precision and accuracy, this mechanical air-cushion pipette is remarkably light, both in terms of weight and pipetting forces, which helps you to avoid hand and arm strain.

- 3 button operation
- Ideal for accurate, easy, and ergonomic manual pipetting of aqueous solutions
- Designed according to the Eppendorf PhysioCare Concept® principles
- Autoclavable
- Includes 6 x Research® plus single channel pipettes (0.1 - 2.5µL, 0.5 - 10µL, 2 - 20µL, 10 - 100µL, 20 - 200µL and 100 - 1000µL), Pipette Carousel 2, 6 x epT.I.P.S.® Box 2.0 (96 x pipette tips/box), and ballpoint pen



eppendorf



Code

F23022

Eppendorf epMotion® 96 Flex Base Device



eppendorf

Combines advanced technology with user-friendly design for unparalleled performance. Process 96 and 384 well plates with ease and enjoy flexibility with an exchangeable dispensing head design with a wide volume range.

- For intuitive semi-automated handling of 96- and 384-well plates
- Base-mounted touchscreen display for convenient controls
- Suitable for use in laminar flow cabinets
- Includes 2 position slider and TipHolder for use with epT.I.P.S.® Motion reloads
- Requires dispensing head for operation (sold separately - see the SLS website for details)

May incur an additional delivery charge



Code	Channels	Volume Range, µL	Dims, w x d x h, mm
F23046	96	0.5 - 1000	345 x 415 x 620



Incubator Shaker – CellXpert® CS220

Accelerate your mammalian cell culture research with

- > Up to 40% higher flask capacity
- > 180°C sterilization routine integrated
- > Stainless steel chamber and hygienic design according to EN ISO 14159:2008
- > Highest platform size vs. footprint ratio in the market
- > Stackable up to 3-fold



SLS Lab Basics Pipettes

3
YEARS

SLS LAB
BASICS



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
F151300	Single	0.1 - 2.5
F151301	Single	0.5 - 10
F151305	Single	2 - 20
F151302	Single	5 - 50
F151303	Single	10 - 100
F151306	Single	20 - 200
F151304	Single	100 - 1000
F151307	Single	500 - 5000
F151308	Single	1000 - 10000
F151313	8	0.5 - 10
F151309	8	5 - 50
F151310	8	10 - 100
F151311	8	20 - 200
F151312	8	30 - 300
F151318	12	0.5 - 10
F151314	12	5 - 50
F151315	12	10 - 100
F151316	12	20 - 200
F151317	12	30 - 300



SLS Lab Basics Pipette Filler

5
YEARS



With adjustable valves, microprocessor control, and UV resistant housing. Includes charging stand, magnetic/fixable wall mount, nozzle adapter, rechargeable battery, 0.45 μm filter, 5 x coloured nose cones and power adapter.

Code

F151350

SLS Lab Pro Pipettes

3
YEARS

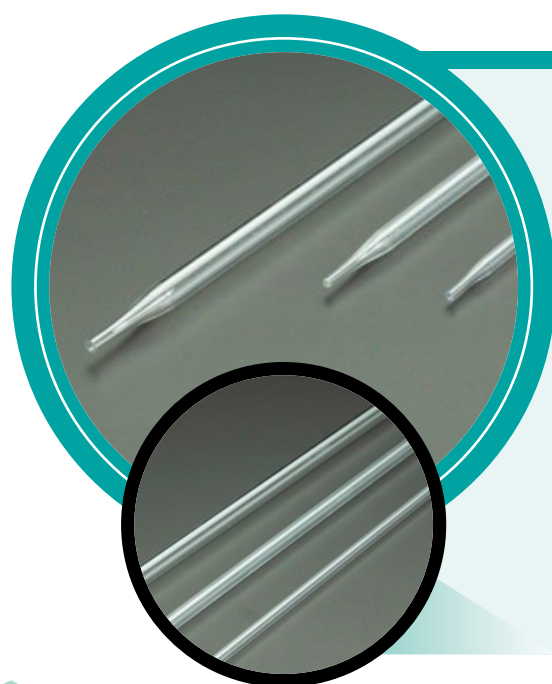


Superior quality at an affordable price. These are lightweight pipettes with a handle that fits naturally in the hand. A lubricated piston assembly offers very light pipetting forces.

- Adjustable tip ejector button to adapt to both right and left-handed users
- Clip mechanism allows easy and safe removal of tip ejector
- Fully autoclavable



Code	Channel	Volume Range, μ L
F151284	Single	0.2 - 2
F151285	Single	1 - 10
F151286	Single	2 - 20
F151287	Single	10 - 100
F151288	Single	20 - 200
F151289	Single	100 - 1000
F151290	Single	500 - 5000
F151291	Single	1000 - 10000
F151292	8	0.5 - 10
F151293	8	2 - 20
F151294	8	20 - 200
F151295	8	20 - 300
F151296	12	0.5 - 10
F151297	12	2 - 20
F151298	12	20 - 200
F151299	12	20 - 300



Cell Scientific Aspirating Pipettes

Individually packed.

Code	Volume, mL	Pack
F22486	1	1000
F22488	2	500
F22490	5	500
F22492	10	500
F22494	25	200
F22496	50	150

Corning® Lambda™ EliteTouch™ Single Channel Pipettes

3
YEARS



Engineered to provide the highest levels of ergonomics, accuracy, and precision. Featuring smooth plunger movement and extremely low pipetting forces. Coloured pushbuttons (included) can help define user or application for sample safety and lower risk of cross contamination.

- Lightweight construction, contoured handle, and 4 digit counter
- One-hand volume setting with auto-lock system
- Fully autoclavable and UV resistant
- Easy in lab calibration
- Individually tested and supplied with a certificate of quality



Code	Volume Range, μ L
F19506	0.1 - 2
F22008	0.5 - 10
F19508	2 - 20
F19512	10 - 100
F19514	20 - 200
F19516	100 - 1000

SLS Lab Pro Filter Pipette Tips



Keep your pipette protected from cross contamination with filter pipette tips. Constructed using a low retention polymer that virtually eliminates sample hold-up, providing accurate and consistent sample delivery and avoiding the waste of precious samples and reagents.

- Racked
- Sterile



Code	Volume, μ L	Pack
F23394	10	960 (10 x 96)
F23396	10XL	960 (10 x 96)
F23398	20	960 (10 x 96)
F23400	100	960 (10 x 96)
F23402	200	960 (10 x 96)
F23404	300	960 (10 x 96)
F23406	1000	768 (8 x 96)
F23408	1250	768 (8 x 96)

ClearLine® Pipette Tips in HybridRacks™

HybridRacks™ minimise plastic waste by replacing the base and lid with durable, recyclable cardboard while retaining a polypropylene tip tray. This uses significantly less plastic than a traditional tip rack.

- Clear polypropylene tips
- Sterile
- Low retention
- Compatible with all pipette brands



Code	Volume, µL	Length, mm	Pack
F23228	10	45	960 (10 x 96)
F23230	20	50.7	960 (10 x 96)
F23232	100	50.7	960 (10 x 96)
F23234	200	50.7	960 (10 x 96)
F23236	200	78	768 (8 x 96)
F23238	300	78	768 (8 x 96)
F23250	1000	102	768 (8 x 96)

ClearLine® LTS™ Compatible Filter Pipette Tips

Polypropylene tips compatible with Rainin LTS™ pipettes. Available in either Clearline Plus hinged, stackable racks, or HybridRack™ racks with polypropylene tip tray and cardboard base/lid using significantly less plastic than traditional tip racks.

- Sterile
- Filtered



Code	Volume, µL	Packaging	Pack
F23252	20	ClearLine Plus rack	960 (10 x 96)
F23254	20	HybridRack™	960 (10 x 96)
F23256	200	ClearLine Plus rack	960 (10 x 96)
F23284	200	HybridRack™	960 (10 x 96)
F23286	1000	ClearLine Plus rack	768 (8 x 96)
F23288	1000	HybridRack™	768 (8 x 96)

Gilson PIPETMAN® Single Channel Pipettes

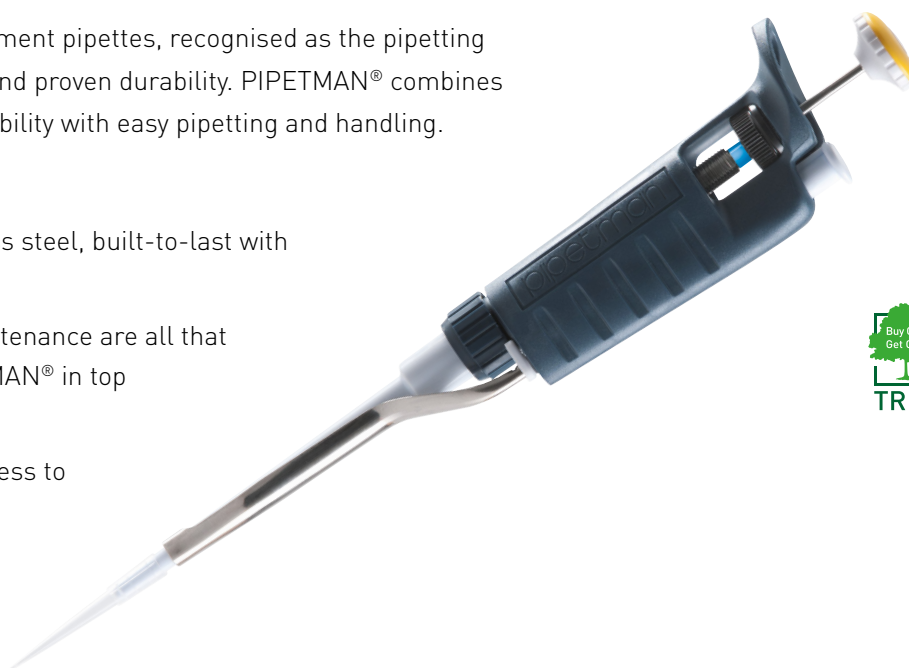
3
YEARS

 **GILSON®**



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
F13224	P2	0.2 - 2
F13228	P10	1 - 10
F13226	P20	2 - 20
F13236	P100	10 - 100
F13232	P200	20 - 200
F13234	P1000	100 - 1000
F13230	P5000*	500 - 5000
F13238	P10mL*	1000 - 10000

* P5000 and P10mL do not have tip ejectors

SARTORIUS

Save up to 40%

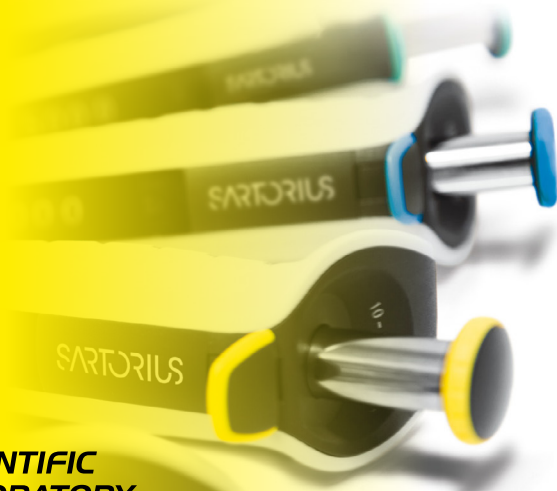
Pipette Trade-In

How it works:

1. Select Old Pipettes for Trade-in
Any pipette brand or model will be accepted
2. Order Sartorius Trade-in Pipettes
Including a saving of up to 40%
3. Free Return Service for Old Pipettes
(Now includes Picus® 2)



**SCIENTIFIC
LABORATORY
SUPPLIES**



Visit the SLS website for more information:
scientificlabs.com/PipetteTradeIn

Gilson PIPETMAN® L Pipettes

3
YEARS

GILSON®



Designed for performance and comfort, PIPETMAN® L air-displacement pipettes are comfortable, precise, accurate, and reliable. Lightweight and balanced, they combine 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	Model	Channel	Volume Range, μL	Ejector
F13208	P2L	Single	0.2 - 2	Plastic
F13196	P2L	Single	0.2 - 2	Metal
F13212	P20L	Single	2 - 20	Plastic
F13200	P20L	Single	2 - 20	Metal
F13210	P10L	Single	0.5 - 10	Plastic
F13198	P10L	Single	0.5 - 10	Metal
F13214	P100L	Single	10 - 100	Plastic
F13202	P100L	Single	10 - 100	Metal
F13216	P200L	Single	20 - 200	Plastic
F13204	P200L	Single	20 - 200	Metal
F13218	P1000L	Single	100 - 1000	Plastic
F13206	P1000L	Single	100 - 1000	Metal
F13220	P5000L	Single	500 - 5000	Plastic
F13222	P10mLL	Single	1000 - 10000	Plastic
F10154	P8x10L	8	0.5 - 10	–
F10158	P8x20L	8	2 - 20	–
F10162	P8x200L	8	20 - 200	–
F10166	P8x300L	8	20 - 300	–
F17028	P8x1200L	8	100 - 1200	–
F10156	P12x10L	12	0.5 - 10	–
F10160	P12x20L	12	2 - 20	–
F10164	P12x200L	12	20 - 200	–
F17030	P12x1200L	12	100 - 1200	–

SLS Lab Pro Safevac Aspiration System

1
YEAR

SLS LAB
PRO

Designed for laboratory waste recovery and separation of liquid and solid. Can be widely used in cell culture, DNA extraction, microplate waste removal, and any other liquid separation or recovery.

- Sensitive level sensor to prevent liquid overflow
- Fully autoclavable waste bottle, tubing and handle
- Lid, tubing, and handle are easy to disassemble for cleaning and autoclaving
- Supplied with complete range of adapters to fit tips, tubes and microplates



Code	Vacuum Range, mbar	Aspiration Speed, mL/s	Volume, L	Dims, w x d x h, mm
F151283	0 - 600	1 - 17	4	180 x 240 x 450

Mettler Toledo Densito Handheld Density Meters

1
YEAR



Lightweight and designed to fit comfortably in a single hand for one-handed operation in the lab or on-the-go. Results are temperature-compensated and can be delivered in specific gravity, Brix, API units, and other formats. The DensitoPro model also features built-in RFID and barcode scanner, meaning full sample identification is performed automatically.

- Result range limits
- Comprehensive results storage - stores up to 1100 results
- Brightly lit colour display
- Measuring range: 0.000 - 3.000g/cm³
- Accuracy: ±0.001g/cm³



Code	Description
F13182	Densito
F13184	DensitoPro

OHAUS® Adventurer™ Balances

2
YEARS



Striking the ideal balance between inventive features and functional, uncomplicated weighing capabilities, the OHAUS® Adventurer™ incorporates all of the applications necessary for routine weighing and measurement activities. With a colour touchscreen, three-level user management to fulfill GLP/GMP compliance capabilities, two USB ports, and much more, Adventurer™ is the most complete balance in its class.

- Colour touchscreen with icon-based user interface, and ergonomic design
- Features such as specialised weighing modes, multiple connectivity options, and AutoCal™ provide versatility and flexibility
- Durable construction, large weighing surfaces, a space-saving draftshield design (0.01 to 1mg readability models only), and full housing in-use cover
- AutoCal™ internal calibration



See the SLS Website
for Offers on
External Calibration
Models

May incur an additional delivery charge

Code	Model	Type	Capacity, g	Readability, mg	Pan Dims, mm
F23134	AX85	Semi-micro	82	0.01	Ø 80
F23136	AX125D	Semi-micro	82/120	0.01/0.1	Ø 80
F23138	AX225D	Semi-micro	102/220	0.01/0.1	Ø 80
F16030	AX124	Analytical	120	0.1	Ø 90
F16036	AX224	Analytical	220	0.1	Ø 90
F16042	AX324	Analytical	320	0.1	Ø 90
F16046	AX223	Precision	220	1	Ø 130
F16052	AX423	Precision	420	1	Ø 130
F16058	AX523	Precision	520	1	Ø 130
F23122	AX623	Precision	620	1	Ø 130
F16064	AX422	Precision	420	10	175 x 195
F16068	AX822	Precision	820	10	175 x 195
F16072	AX1502	Precision	1520	10	175 x 195
F16078	AX2202	Precision	2200	10	175 x 195
F16084	AX4202	Precision	4200	10	175 x 195
F16090	AX5202	Precision	5200	10	175 x 195
F23126	AX6202	Precision	6200	10	175 x 195
F16094	AX2201	Precision	2200	100	175 x 195
F16098	AX4201	Precision	4220	100	175 x 195
F16102	AX8201	Precision	8200	100	175 x 195
F23130	AX12001	Precision	12000	100	175 x 195

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.



- Pan dims: Ø 90mm
- 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

Code	Capacity, g	Readability, mg	Calibration
F151338	102	0.1	External
F151336	102	0.1	Internal
F151339	152	0.1	External
F151340	152	0.1	Internal
F151341	252	0.1	External
F151337	252	0.1	Internal

SLS Lab Pro SM Series Micro Analytical Balances

5 YEARS



Developed for high end micro weighing with the automatic elimination of static electricity at a competitive price. A built in fanless ioniser eliminates static and a large weighing chamber with interlockable slide doors allows operation with either hand.



- One touch automatic calibration
- Internal data memory function for up to 200 sets of data
- GLP/GMP/GCP/ISO compliant output
- Built-in temperature, humidity, and atmospheric pressure sensors
- RS-232C and Quick USB interfaces as standard
- AD-1688 weighing data logger as standard

Code	Capacity, g	Readability, mg	Pan Dims, mm
F14386	22	0.001	Ø 25
F14388	5.1/22	0.001/0.01	Ø 25
F14390	250	0.01	Ø 90
F14392	220	0.1	Ø 90
F14394	320	0.1	Ø 90
F14396	520	0.1	Ø 90

SLS Lab Basics Inverso TC100 Inverted Microscopes

1 YEAR



Ideal for the typical working laboratory and built to a high-quality specification. Robust enough to withstand the rigours of constant daily use and 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
- Epi-fluorescence module (F17204 only) adds blue excitation (460 - 490nm) and green excitation (480 - 550nm)



Code	Description
F151126	Inverso TC100 inverted microscope
F17204	Inverso TC100 inverted microscope with epi-fluorescence

SLS Lab Basics 5MP Tablet Microscope Camera



Tablet camera with a high-definition 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 and mouse can also be used to operate
- Includes Wi-Fi and Bluetooth wireless networking
- Storage: external SD memory card - up to 32GB



Code	CPU	Camera
F151127	RK3066 dual-core 1.5Hz	15fps at 1024 x 768; 1/2.5 (4:3) 5mpx CMOS

IKA G-L Midi Centrifuge



The ideal midi centrifuge for all types of separation processes such as those found in molecular biology. It can be used with standard 1.5/2mL vessels, as well as with PCR strips (optional rotor needed). The cover opens automatically at the press of a button.

- Fitted with a metal cover and only starts when firmly closed
- Intuitive navigation with a membrane keypad
- Easy setting of speed, rotational speed or programmes
- High-performance motor
- Supplied with metal rotor and cover for 12 x 1.5/2mL vessels



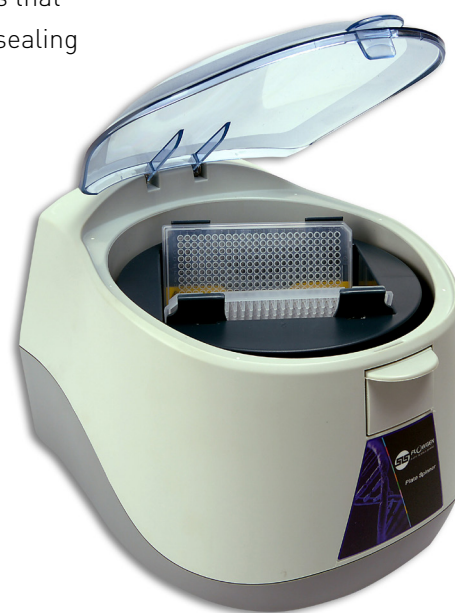
Code	Max Speed, RPM	Max RCF, x g	Dims, w x d x h, mm
F18092	15700	16500	200 x 280 x 140

SLS Flowgen Plate Spinner



Rapidly spin down droplets in PCR or microplates to improve PCR yields or give more consistent assay results. The swing out rotor has two plate carriers that rest at a 75° angle. This allows plates to be inserted confidently without sealing tapes or caps. Most samples can be spun down in less than 20 seconds.

- Unique swing-out rotor design prevents spillage
- Accepts most types of PCR plates
- Capacity: 2 x PCR plates (when stacking skirted PCR plates, max. capacity is 4 plates); 2 x microplates



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

Benchmark BeadBlaster™ 24R Refrigerated Microtube Homogeniser

2
YEARS

Benchmark
Scientific

A highly efficient bead homogeniser with built-in true, compressor-based refrigeration to protect temperature sensitive molecules from heat degradation and denaturation. The stainless steel tube carrier subjects up to 24 samples to an optimised, high speed, 3D motion, producing high energy impacts between the samples and micro-beads to release cellular contents.

- Operating parameters are set and displayed digitally
- 50 profiles can be stored in memory
- Brushless motor for quiet, maintenance free operation



Code	Capacity	Speed Range, m/s	Temp Range, °C	Dims, w x d x h, mm
F151246	24 x 2.0mL tubes	4.00 - 7.00	-10 to ambient	320 x 510 x 410

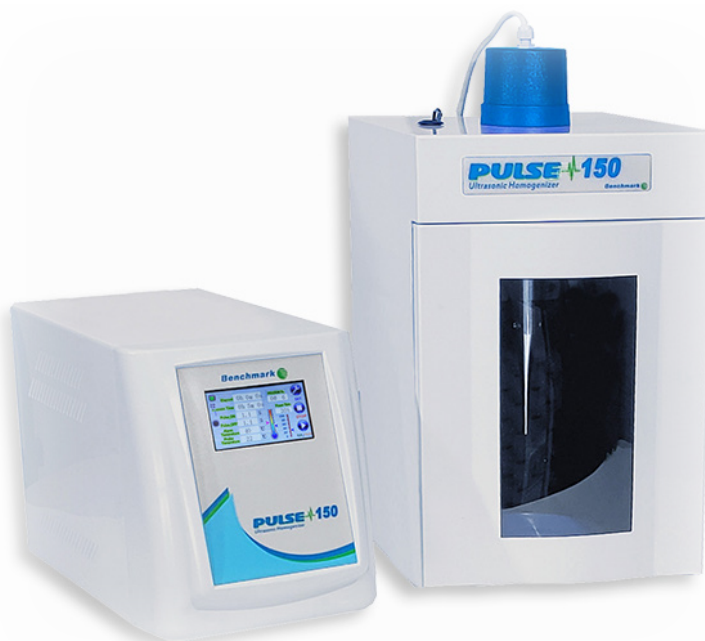
Benchmark Pulse 150 Ultrasonic Homogeniser

2
YEARS

Benchmark
Scientific

Ultrasonic homogeniser which uses cavitation and ultrasonic waves to break cells in suspension, shear DNA and prepare samples for ChIP assays. The unit processes samples from 0.1 to 150mL (with the appropriate horn). Operating parameters are set and viewed on the 4.3" colour touch screen, pulsed operation is easily programmed as is the power level.

- Twenty programs can be stored in memory
- Alarms alert the user to over temperature, over/no load and expiration of time
- Includes controller, transducer, temperature probe, 6mm diameter titanium alloy horn (for volumes 10 to 100mL), wrenches, and a soundproof box with sample platform
- Optional horns are available for other volumes



Code	Power, W	Frequency, KHz	Dims, w x d x h, mm
F151248	1.5 - 150	20 - 25	Controller 305 x 470 x 430; enclosure 350 x 350 x 550

IKA T 18 mini ULTRA-TURRAX® Homogeniser



An economical high-performance dispersing instrument with a wide speed range for working volumes of up to 1.5L (H₂O). It enables the user to work at high circumferential speeds even with small rotor diameters. A large TFT display ensures easy readability from a greater distance. Best suited for simple applications homogenising samples with low viscosity.

- Digital speed display and adjustment
- Compact design
- Brushless motor
- Timer function for unattended operation
- Quick insert for easy change of dispersing elements
- USB interface for remote control and parameter documentation with the IKA labworldsoft® software
- Compatible with all S 18 dispersing tools and accessories (sold separately)



Code	Speed Range, RPM	Volume Range, mL	Max Viscosity, mPas	Dims, w x d x h, mm
F23116	3000 - 25000	1 - 1500	2000	66 x 100 x 186

S 18 N - 19 G Dispersing Tool

Code	Working Volume, mL	Stator Ø, mm	Immersion Depth, mm
F23118	10 - 1500	19	35 - 170



IKA Lab Dancer Vortex Mixer



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

Code	Speed, RPM	Orbit, mm	Dims, w x d x h, mm
F19196	2800	4.5	100 x 100 x 70

Grant ecocool Refrigerated Circulating Baths



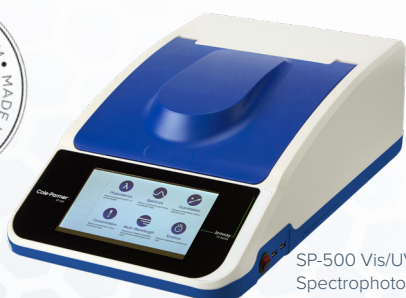
Innovative, eco-friendly, refrigerated and heating circulating baths, offering significant running cost savings whilst delivering powerful cooling. Both models are supplied assembled as ready to use kits, complete with accessory hosing, clips and connectors as standard.

- Active cooling through the whole temperature range
- True energy saving of up to 80% against standard compressor units
- Thermostat and chiller work in harmony to eliminate overheating or freezing
- Single front switch for user convenience



Code	Model	Capacity, L	Temp Range, °C	Max Flow Rate, L/min	Max Pump Pressure, mbar	Display
F16196	ecocool 100R	4.5	-20 to 100	17	250	4 digit LED
F16200	ecocool 150R	5.5	-30 to 150	14 - 22	530	Full colour QVGA TFT

Legacy Products You Can Trust.



SP-500 Vis/UV Vis Spectrophotometer



SHM-200 Series Stirring/Heating Mantle



PCR-300 Series



SI-200 Series Microplate Shaking Incubator

Cole-Parmer®

Grant QBD2 Digital Dry Block Heater

3
YEARS

G GRANT

Designed for flexibility and efficiency, and ideal for general sample heating, research or chemistry applications. A versatile general purpose system with removable/interchangeable blocks and a comprehensive specification to suit most dry block heating applications in the laboratory.

- Digital temperature control for optimal precision
- Range of convenient features including alarms, single and dual point calibration, programmed start/stop, 'offset' for known sample temperature variation and choice of external or internal probes
- Includes block removal tool for easy and safe removal of blocks
- Two block positions, blocks sold separately



BLOCKS

Buy One
Block Get
a FREE
Block

Code	Temp Range, °C	Temp Stability/ Uniformity, °C	Dims, w x d x h, mm
F20436	Ambient +5 to 130	±0.1	200 x 285 x 120

Blocks

Buy any block listed below and get a FREE block for 24 x 2.0mL Ø11mm microtubes (35mm hole depth).

Code	Description
F23180	Plain
F20438	For 24 x Ø10mm test tubes, 50mm hole depth
F20440	For 24 x Ø12mm test tubes, 50mm hole depth
F20442	For 12 x Ø13mm test tubes, 50mm hole depth
F20444	For 12 x Ø16mm test tubes, 50mm hole depth
F23182	For 10 x Falcon tubes tall Ø17mm test tubes, 75mm hole depth
F20446	For 12 x Ø18mm test tubes, 50mm hole depth
F20448	For 5 x Ø24mm test tubes and universal bottles, 50mm hole depth
F20458	For 4 x 50mL Ø29mm centrifuge test tubes and glass universals, 50mm hole depth
F20450	For 56 x 0.2mL Ø6.5mm microtubes, 14mm hole depth
F20452	For 24 x 0.5mL Ø8mm microtubes, 30mm hole depth
F20454	For 24 x 1.5mL Ø10.8mm microtubes, 35mm hole depth



AZLON® 500mL Multilingual Wash Bottles

Wide neck, made from flexible LDPE. Vented bottles feature Driplok® vapour venting valve that prevents drips.

Supplied in packs of 5

Code	Label	Closure Colour	Safety Venting
F151170	Acetone	Red	Yes
F151171	Methanol	Green	Yes
F151172	Isopropanol	Blue	Yes
F151174	Ethanol	Orange	Yes
F23120	Deionised water	White	No

Thermo Scientific™ Orion Lab Star PH111 Bench pH Meter Kit

3
YEARS

Thermo
SCIENTIFIC

Measure pH or ORP simultaneously with mV and temperature. Featuring a large, backlit display for easy viewability and small footprint to save bench space, this pH meter is ideal for simplified, budget-friendly lab testing. View active pH, ORP and temperature calibration logs with date and time stamp, record key measurements using the 500-point data log with date and time stamp, and output all logs to a printer or computer.

- Perform one to five point pH calibrations, one point ORP calibrations and one point temperature adjustment calibrations for proficient SOP compliance
- Large 5" backlit display
- pH electrode condition icon helps ensure reliable electrode performance
- Kit includes Orion Lab Star PH111 pH meter, Orion™ Triode™ 3-in-1 pH/ATC electrode, Orion™ All-in-One™ pH buffer kit, electrode stand, PC cable, and universal power adapter



Code	Range, pH	Range, mV	Temp Range, °C	Dims, w x d x h, mm
F23062	-2.000 to 18.000	±2000.0	-5 to 105	155.2 x 198.3 x 61.7

Thermo Scientific™ Orion Star™ A211 Benchtop pH Meter TRIS Kit

3
YEARS

Thermo
SCIENTIFIC

Easy-to-use, dependable laboratory meter with advanced features such as selectable read modes and stability indicator, for flexibility and control over testing. Perform up to a 5 point pH calibration, log up to 2000 data point sets with time/date stamp, and easily transfer calibration and data logs via USB or RS232 to a printer or computer with free Orion Star™ Com software.

- Measure pH, mV, relative mV or ORP with temperature
- Easy-to-read backlit graphic display with onscreen instructions
- Non-volatile meter memory so data and settings are protected even with power loss
- Universal power adapter or AA batteries
- IP54-rated dust and splash resistant housing with wall-mount capability
- CE, TUV 3-in-1 and FCC Class A certifications
- Kit includes Orion Star™ A211 pH meter, Orion™ ROSS Ultra™ glass-body pH/ATC electrode, Orion™ All-in-One™ pH buffer kit, electrode stand, 100 - 240V universal power adapter, and computer cable



Code	Range, pH	Range, mV	Temp Range, °C	Dims, w x d x h, mm
F14638	-2 to 20	±2000.0	-5 to 105	180 x 240 x 110



Lonza Insect-XPRESS™ Protein-Free Insect Cell Medium

Supports the growth of insect cell lines derived from *Spodoptera frugiperda* (Sf9 and Sf21) and *Drosophila melanogaster* (S2). Contains L-glutamine.

Code	Pack
F16266	1L

Supelco® Aquastar® Reagents for Karl Fischer Titration

Supelco®
Analytical Products

The volumetric Karl Fischer titration method is used to determine the water content accurately by adding iodine-containing titrants to the sample. This method can be used to determine water contents from 0.01 up to 100%, and promotes fast, precise, and reproducible results. With Aquastar® reagents for volumetric water determination according to Karl Fischer, you benefit from high titration rates and accurate, reliable results.



AQUASTAR® PRODUCTS

See the SLS website for the full list:
www.scientificlabs.com/aquastar

One Component Reagents

- All the reactive compounds such as iodine, base, sulfur dioxide, and the appropriate alcohol required for the Karl Fischer reaction in one reagent, the titrant
- Can be used for all kinds of samples but is preferred for the titration of frequently changing sample matrices and for samples that require the addition of a solubiliser

Code	Description	Pack
F23312	CombiTitrant 1, approx 1mg H ₂ O/mL	1L
F23314	CombiTitrant 1, approx 1mg H ₂ O/mL	1L with RFID tag
F23316	CombiTitrant 2, approx 2mg H ₂ O/mL	1L
F23318	CombiTitrant 2, approx 2mg H ₂ O/mL	1L with RFID tag
F23320	CombiTitrant 5, approx 5mg H ₂ O/mL	500mL
F23322	CombiTitrant 5, approx 5mg H ₂ O/mL	1L
F23324	CombiTitrant 5, approx 5mg H ₂ O/mL	1L with RFID tag
F23326	CombiTitrant 5, approx 5mg H ₂ O/mL	2.5L
F23328	CombiTitrant 5, approx 5mg H ₂ O/mL	2.5L with RFID tag
F23330	CombiSolvent, methanol-free solvent	1L
F23334	CombiMethanol, dried methanol, max. 0.01% H ₂ O	1L
F23336	CombiMethanol, dried methanol, max. 0.01% H ₂ O	2.5L

Two Component Reagents

- The titrant is comprised of iodine and alcohol, whereas sulfur dioxide and a base are dissolved in the solvent
- Faster titration, better buffer capacity, and higher titer stability
- Often used for series from the same sample matrices or for strong acidic or alkaline samples

Code	Description	Pack
F23296	Titrant 5, approx 5mg H ₂ O/mL	500mL
F23298	Titrant 5, approx 5mg H ₂ O/mL	1L
F23300	Titrant 5, approx 5mg H ₂ O/mL	1L with RFID tag
F23302	Titrant 5, approx 5mg H ₂ O/mL	2.5L
F23304	Titrant 2, approx 2mg H ₂ O/mL	1L
F23306	Titrant 2, approx 2mg H ₂ O/mL	1L with RFID tag
F23308	Solvent	1L
F23310	Solvent	2.5L

Sigma-Aldrich® Biological Buffers

Sigma-Aldrich®
Lab & Production Materials



Code	Description	Pack
F23188	Phosphate buffered saline (PBS) powder, pH 7.4, 1 pouch/1L	50 pouches
F23190	Phosphate buffered saline (PBS) tablets, pH 7.2 - 7.6, 1 tablet/200mL	50 tablets
F23192	Trizma® base, ≥99.9% (titration), crystalline, primary standard, aminopeptidase substrate	5kg
F23194	Trizma® hydrochloride, reagent grade, ≥99.0% (titration), crystalline	500g
F23196	Trizma® hydrochloride, reagent grade, ≥99.0% (titration), crystalline	1kg
F23198	Trizma® hydrochloride, BioPerformance certified, suitable for cell culture, ≥99.0% (titration)	500g
F23200	Trizma® hydrochloride, BioPerformance certified, suitable for cell culture, ≥99.0% (titration)	1kg
F23202	MOPS, ≥99.5% (titration), crystalline powder	1kg
F23204	MOPS, ≥99.5% (titration), crystalline powder	5kg
F23206	HEPES, BioPerformance certified, suitable for cell culture, ≥99.5% (titration)	500g

Sigma-Aldrich® Biological Detergents

Sigma-Aldrich®
Lab & Production Materials



Code	Description	Pack
F23208	CHAPS hydrate, ≥98% (HPLC)	5g
F23210	CHAPS hydrate, ≥98% (HPLC)	25g
F23212	1-Octanesulfonic acid sodium salt, ≥98%	100g
F23214	1-Octanesulfonic acid sodium salt, BioXtra	100g
F23216	Sodium dodecyl sulfate, ReagentPlus®, ≥98.5% (GC)	500g
F23218	Sodium dodecyl sulfate, ReagentPlus®, ≥98.5% (GC)	1kg
F23220	Triton™ X-100 solution, BioUltra, for molecular biology, ~10% in H ₂ O	500mL
F23222	Triton™ X-100, laboratory grade	1L
F23224	Tween® 20, PROTEIN GRADE®, 10% solution, sterile-filtered	50mL
F23226	Tween® 80, PROTEIN GRADE®, 10% solution, sterile-filtered	50mL

Corning® Cell Dissociation Reagents

CORNING

Code	Description	Pack
F23004	Trypsin EDTA 1X	6 x 100mL
F23006	Trypsin EDTA 1X	6 x 500mL
F23008	Cellstripper™, liquid	6 x 100mL
F23010	Accutase® cell detachment solution, liquid	100mL



Corning® Buffered Salt Solutions

CORNING

Code	Description	Pack
F22020	HBSS, 1X without calcium and magnesium	6 x 500mL
F22022	HBSS, 1X without calcium, magnesium, and phenol red	6 x 500mL
F22024	DPBS, 1X with calcium and magnesium	6 x 500mL
F22026	DPBS, 1X without calcium and magnesium	6 x 500mL
F23000	PBS, 1X without calcium and magnesium	6 x 500mL
F23002	PBS, 1X without calcium and magnesium	6 x 1L



Sigma-Aldrich® Fetal Bovine Serum

Non-USA origin. Sterile filtered. Suitable for cell culture.

Supplied in packs of 500mL

Code	Description
F19278	Fetal bovine serum
F19280	Fetal bovine serum, heat inactivated

Corning® Classical Media

Supplied as packs of 6 x 500mL



Code	Description
F16132	DMEM [+] 4.5g/L glucose, L-glutamine, sodium pyruvate
F22016	DMEM [+] Corning glutagro™, 4.5g/L glucose, sodium pyruvate, phenol red
F22372	DMEM [+] 4.5g/L glucose, sodium pyruvate, [-] L-glutamine
F22374	DMEM [+] 4.5g/L glucose, [-] L-glutamine, sodium pyruvate
F22378	DMEM/Ham's F-12 50/50 mix [+] L-glutamine, [-] phenol red
F22018	F-12K nutrient mixture (Kaighn's modification) [+] L-glutamine
F22014	Ham's F-12 medium [+] L-glutamine
F22370	MEM alpha medium [+] Earle's salts, [-] ribonucleosides, deoxyribonucleosides, L-glutamine
F16150	RPMI 1640 [+] L-glutamine
F16152	RPMI 1640 [+] L-glutamine, 25mM HEPES
F22376	RPMI 1640 [-] L-glutamine
F22380	RPMI 1640 [-] L-glutamine, phenol red

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

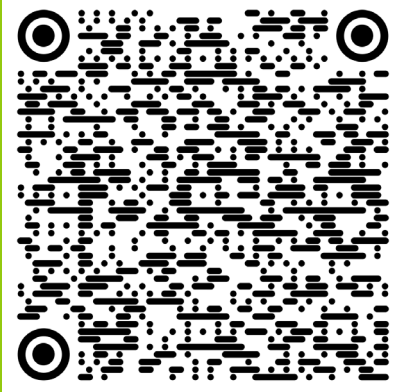


Code	Capacity, mL	Pack
F151342	100	10
F151343	250	10
F151344	500	10
F151345	1000	10
F151346	2000	10
F151347	5000	Each
F151348	10000	Each
F151349	20000	Each

Qkine

To ensure full reproducibility and enhance scientific outcomes, all Qkine products adhere to the Nine-point Qkine Quality Commitment:

- 1 Certified animal origin-free with full traceability
- 2 Manufactured within our ISO 9001:2015-certified facility with stringent in-process control measures
- 3 Rigorously tested for accurate protein recovery from vials
- 4 Subject to quantitative bioactivity analysis with integrated lot-to-lot reproducibility criteria
- 5 Proven to have industry-leading protein purity levels
- 6 Subject to comprehensive identity analysis for structurally complex bioactive proteins
- 7 Assayed to ensure industry-leading low endotoxin levels
- 8 Rigorously tested for sterility and mycoplasma contamination for confident use in cell-culture applications
- 9 From concept to manufacture, our proteins are designed to be the best



SCAN ME

FOR INFORMATION



**SCIENTIFIC
LABORATORY
SUPPLIES**

Thermo Scientific™ Nunc™ Plates and Dishes with Nunclon™ Supra Surface

Thermo
SCIENTIFIC

Culture fastidious adherent cells with Nunclon™ Supra surface treatment. Intended for general cell culture applications, the surface is more hydrophilic than the Nunclon™ Delta surface, enhancing the growth of finicky cell types under no/low-serum conditions.



Code	Description	Pack
F23114	96 well microplate with lid	50
F23090	6 well multidish	75
F23092	12 well multidish	75
F23094	24 well multidish	75
F23096	48 well multidish	75
F23098	35 x 13mm EasYDish™	500
F23100	60 x 16mm EasYDish™	280
F23102	100 x 17mm EasYDish™	150
F23104	100 x 21mm EasYDish™	240
F23106	150 x 21mm EasYDish™	80
F23108	25cm ² EasYFlask™	200
F23110	75cm ² EasYFlask™	100
F23112	175cm ² EasYFlask™	30

Thermo Scientific™ Nunc™ Plates and Dishes with UpCell™ Surface

Thermo
SCIENTIFIC

Support non-enzymatic harvesting of adherent cells for preservation of cell viability and surface proteins with the temperature-responsive UpCell™ surface. Transfer the culture to room temperature to collect cells in suspension or in the form of cell sheet with the help of a supportive membrane.



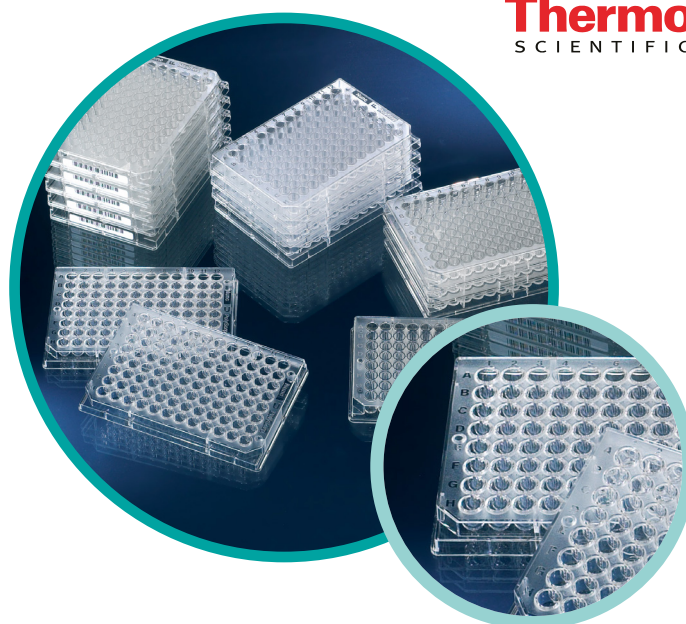
Code	Description	Pack
F22088	96 well microplate with lid	8
F22096	35mm dish with supportive membrane	30
F22094	60mm dish	30
F23088	60mm dish with grid	30
F22092	100mm dish	6
F23086	100mm dish with grid	6
F22090	6 well multidish with supportive membrane	6
F23084	12 well multidish	6
F23082	24 well multidish	6
F23080	48 well multidish	6

Thermo Scientific™ Immuno 96 Well Plates

Thermo
SCIENTIFIC

Choose from two binding surfaces for reliable and reproducible results. Thermo Scientific™ MaxiSorp surface is hydrophilic and ideal for antibody sandwich assays. Thermo Scientific™ PolySorp surface is for adsorption of hydrophobic molecules.

- Flat bottom
- Non sterile
- Working volume: 350µL



Code	Colour	Surface Treatment	Pack
F23072	Clear	MaxiSorp	60
F23074	White	MaxiSorp	80
F23076	Black	MaxiSorp	80
F23078	Clear	PolySorp	60

Accuris IsoPure™ Mini Automated Purification System

2
YEARS

Benchmark
Scientific

A compact, automated purification system that uses the magnetic bead-based method, featuring touch screen control for easy protocol selection and operation. Mixing, magnetic bead transfer, washing, and elution steps are performed automatically, saving valuable time. The purification process can be completed within 10 to 60 minutes.

- Includes handheld scanner for fast protocol loading
- Compatible with all popular magnetic bead kits
- Stores up to 100 protocols, transferable via included flash drive
- Programmable with PC software or Android app
- UVC sterilisation lamp inside the processing chamber



Code	Capacity	Sample Volume, µL	Temp Range, °C	Dims, w x d x h, mm
F18010	16 samples	50 - 1000	Ambient +5 to 120	200 x 260 x 300

RWD Life Science Automated Cell Counters

RWD

Combining highly intelligent software with excellent microscopy optics structure, the automated cell counter can identify both live and dead cells. Information such as cell counts, viability and diameter can be obtained with just one click. With the fluorescence cube, the C100 model can display images in BF and FL channels simultaneously and present cell counts and cell morphology. It is an optimal device to analyse cell viability and transfection efficiency in immunology and vaccine development, cell therapy, tumor research, stem cell, metabolism research, and others.

- Smart cell recognition
- Fast cell counting in 9 seconds
- Touchscreen with built-in user guide interfaces ensures easy operation
- Compact design
- Removable modular FL cubes allow easy switches among various scenes (C100 only)



Code	Model
F23012	C100-SE
F22232	C100

Removable Modular Fluorescence Cubes

For use with C100 cell counter.

Code	Description
F23014	Ex: 375/28nm; Em: 460/50nm
F23016	Ex: 480/30nm; Em: 535/40nm
F23018	Ex: 540/25nm; Em: 620/60nm



Benchmark Vornado™ Mini Vortex Mixer

2 YEARS

Powerful mini vortexer with smooth, quiet and efficient Insta-Touch™ pressure activated operation.

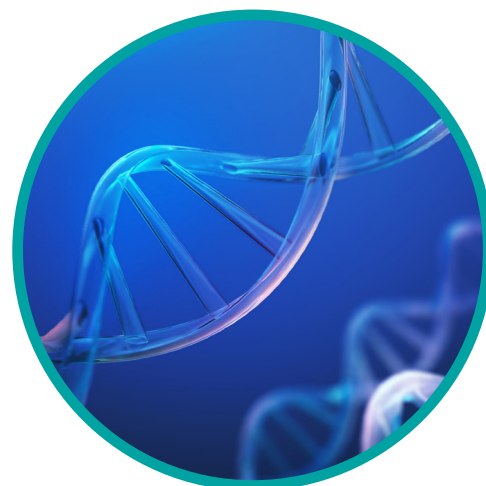
Code	Speed, RPM	Orbit, mm	Dims, w x d x h, mm
F20424	2800	4	94 x 99 x 66

Meridian Bioscience® MyTaq™ Polymerases and Mixes

meridian BIOSCIENCE®
LIFE DISCOVERED. LIFE DIAGNOSED.

A new generation of polymerase that delivers improved yield, sensitivity, speed and robustness when amplifying targets from any template.

- Increased affinity for DNA, thereby improving amplification of even limiting amounts of template
- Novel buffer system maximises efficiency, delivering improved yield
- Robust, reliable amplification
- Ideal for amplifying any target up to 5kb



Code	Description	Pack
F22738	MyTaq™ DNA polymerase	500 units
F22740	MyTaq™ DNA polymerase	2500 units
F23048	MyTaq™ DNA polymerase	5000 units
F22754	MyTaq™ red mix	200 x 50µL reactions
F22758	MyTaq™ red mix	1000 x 50µL reactions
F14624	MyTaq™ mix	200 x 50µL reactions
F23050	MyTaq™ mix	1000 x 50µL reactions

Blue-Ray Biotech TurboCycler 3 Thermal Cycler

2
YEARS

BLUE-RAY
BIOTECH

The most powerful high-throughput PCR thermal cycler in its class. Run 3 independent experiments (3 x 48 samples) simultaneously with unmatched flexibility. Fast gradient optimisation and advanced ramp rate control tailor PCR conditions for maximised efficiency.

- High-throughput efficiency
- PCR conditions across the 3 independent blocks are easily adjusted and range from 30 to 100°C with a maximum span of 30°C
- Precise 8 zone temperature optimisation per block
- Ramp rate can be adjusted from 0.1 to 5.0°C/sec
- Large 10.1" colour touch screen
- Save and transfer protocols via USB flash drive
- 3 x 48 well gradient block, compatible with 0.2mL or 0.1mL PCR tube, strip, non-skirted and semi-skirted 48 well plate



Code	Temp Range, °C	Max Heating/ Cooling Rate, °C/sec	Gradient Range, °C	Dims, w x d x h, mm
F23054	4.0 - 100	5.0/3.0	30 - 100	356 x 362 x 236

Getinge Applikon Bioreactor BioBundles



A complete bioreactor system, equipped with all necessary components and ready to use “out-of-the-box”. The BioBundle is easy to set-up, easy to learn and easy to operate, providing a unique combination of ease of use and sophistication, reducing the time to start-up a process. The system is equipped with an intelligent and powerful process controller: easy and intuitive to operate.

- Turnkey solution
- Lower costs due to standardisation and assembly in series
- Modular and configurable bioreactor system for multiple applications

May incur an additional delivery charge



Livit Flex Controller



my-Control Controller

BioBundles with Livit Flex Controller

Code	Description
F23140	Standard (dual) glass 3L for cell culture
F23142	Advanced (dual) glass 3L for cell culture
F23144	Standard (dual) plastic 3L for cell culture
F23146	Advanced (dual) plastic 3L for cell culture
F23148	Standard (dual) glass 3L for microbial culture
F23150	Advanced (dual) glass 3L for microbial culture
F23152	Standard (dual) plastic 3L for microbial culture
F23154	Advanced (dual) plastic 3L for microbial culture

BioBundles with my-Control Controller

Code	Description
F23168	Standard (single) glass 500mL for cell culture
F23170	Standard (single) glass 500mL for microbial culture
F23172	Standard (single) plastic 500mL for cell culture
F23174	Standard (single) plastic 3L for cell culture
F23176	Standard (single) glass 3L for cell culture

Azenta Life Sciences 4titude Semi-Automated Sheet Heat Sealer

1
YEAR

4titude®

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

Azenta Life Sciences 4titude Automated Roll Heat Sealer

1
YEAR

4titude®

Fast and flexible without the need for an air supply, the perfect solution for automated heat sealing. A rapid heating element enables a fast start up with block uniformity maintained to $\pm 1^\circ\text{C}$. Compatible with a wide range of SBS footprint plates, including all PCR plate formats from 96 well to 1536 well, assay plates, deep well storage plates and microplates.

- Accommodates plate heights from 3 to 60mm
- Lightweight adaptors allow easy interchangeability
- Rolls can be loaded in two positions, fitting under most liquid handling robots
- Up to 5000 seals without manual intervention
- Easily integrates with other systems via USB/RS232



Code	Sealing Temp Range, °C	Dims, w x d x h, mm
F23294	100 - 195	230 x 507 x 276

Grant DEN-600 Photometer



A compact, portable, rechargeable battery powered photometer which serves as an inexpensive alternative to a spectrophotometer. Can be comfortably located in a biosafety cabinet, anaerobic chamber or quickly relocated.

The cell holder accommodates standard 10mm path cuvettes, round bottom, conical vials or falcon tubes.

USB connectivity and DEN software allow for data transfer, data processing and calculation. Its 600nm wavelength optical system allows you to measure:

- Estimated total number of cells (OD600)
- Turbidity measurement method (McFarland (McF))
- Protein concentration measurement (Bradford protein assay method)



Code	Wavelength, nm	Dims, w x d x h, mm
F23178	600 ± 10	120 x 145 x 65



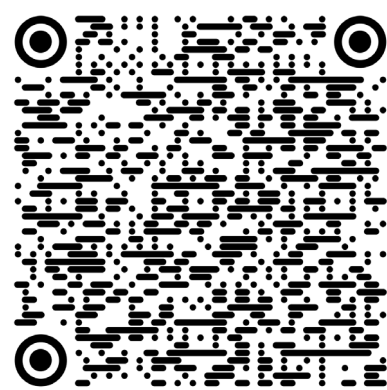
a brand of Harvard Bioscience, Inc.

QuikPrep from Harvard Apparatus

For all your sample preparation needs, including dialysis, filtration and chromatography



NOW AVAILABLE



SCAN ME

FOR INFORMATION

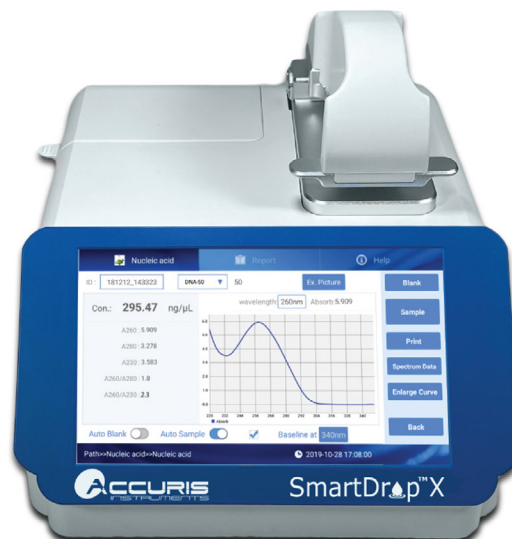
Accuris SmartDrop™ X Nano Spectrophotometer

2 YEARS

Benchmark Scientific

Requires only 0.5 to 2.0µL of sample, utilising a small sample volume eliminates the need for dilutions, providing more accurate results. In addition to nucleic acid and protein calculations, the software has preset programs for BCA, Bradford and Lowry assays. A full spectrum analysis can be performed in about 6 seconds, up to 5 specific points on the spectrum can be selected for colorimetric readings output. The long life xenon lamp source requires no warm up and is paired with a highly sensitive CCD detector.

- Quickly calculates and displays 260/280 and 260/230 ratios
- Detects up to 4500ng/µL of dsDNA without dilution
- Data can be printed using the integrated printer, saved in the onboard memory or exported via USB
- Full colour, 7" touchscreen



Code	Sample Volume, µL	Path Length, mm	Wavelength Range, nm	Dims, w x d x h, mm
F20002	0.5 - 2.0	0.2, 1.0	200 - 800	210 x 268 x 181

Accuris SmartReader™ 96 Microplate Absorbance Reader with Incubation

2 YEARS

Benchmark Scientific

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. Comes complete with 4 popular filters: 405, 450, 492 and 630nm, with additional filters available separately.

- 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



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 SmartReader™ UV-Vis Microplate Reader with Cuvette Port

2 YEARS

Benchmark Scientific

Designed with ease-of-use and fast results in mind. This instrument brings extensive capabilities to the lab bench and is designed for the busy lab with multiple users.

A large touch screen command center is extremely user-friendly and allows for fast set up of new protocols, as well as modifying and running existing protocols.

- Monochromator-based optical system allows for precise selection of wavelengths from 200 to 1000nm, with no filters required
- Accepts standard 96 and 384 well plates
- Plate layout interface allows for a quick and intuitive setup of a plate well's contents
- Controllable plate shaking and incubation



Code	Wavelength Range, nm	Bandwidth, nm	Incubator Temp Range, °C	Dims, w x d x h, mm
F23184	200 - 1000	<2.5	Ambient +5 to 45	300 x 500 x 260

Blue-Ray Biotech EzCube Fluorometer

NEW 2 YEARS

BLUE-RAY BIOTECH

Features triple fluorescent channels and offers high-sensitivity and specific quantification of nucleic acids and proteins. It accurately measures low concentration samples as small as 1µL, making it ideal for demanding applications, including NGS. Combined with dedicated EzQuant quantification assays, an intuitive touchscreen and Wi-Fi connectivity, EzCube simplifies your precision quantification processes and makes them easy.

- Enhanced accuracy and sensitivity
- Expand your application range with triple-channel detection (blue, red and green)
- Intuitive 7" touchscreen and a built-in reagent calculator
- Export your data via USB or Wi-Fi
- Works with EzQuant quantification assays and other commonly used options



Code	Dims, w x d x h, mm
F23052	196 x 248 x 68

Blue-Ray Biotech EzDrop 1000 Spectrophotometers

2 YEARS

BLUE-RAY BIOTECH

Delivers rapid results within 3 seconds and helps you make the most of your samples and time, perfect for daily routine acid and protein quantification. Choose either the microvolume or cuvette mode (EzDrop 100C only) and benefit from dynamic full spectrum 190 to 1000nm detection. Use as a standalone unit or connect to a PC for flexible sample-to-date processing.

- Intuitive 7" touchscreen
- Flexible data management
- In microvolume mode, only 1µL of undiluted sample is needed, with a nano-hydrophobic window, a cushioned detection arm, an assist light to prevent placement errors, and no routine calibration required
- Cuvette mode (EzDrop 100C only) has built in 37 to 45°C temperature control and stir functions



Code	Description
F18354	EzDrop 1000 microvolume spectrophotometer
F22788	EzDrop 1000C microvolume/cuvette spectrophotometer

Syngene NuGenius XE Gel Documentation System

3 YEARS

SYNGENE
A DIVISION OF THE SYNOPSIS GROUP

A compact all-in-one gel documentation system with large maximum viewing area (20 x 24cm), capable of basic imaging applications including DNA and protein gels. A ground-breaking 5m pixel camera gives exquisite pixel resolution and sensitivity. GeneTools software provides the user with rapid quantification of samples and goes from blots to analysed data in a few quick steps.

- Flexible DNA, stain free, autorads analysis
- Intuitive touch screen system
- Compact benchtop size with built-in PC
- FREE transilluminator: 20 x 20cm, 302nm, medium wave with runners.



May incur an additional delivery charge

Code	Image Resolution, MP	Sample Size, mm	Dims, w x d x h, mm
F22006	5	200 x 240	310 x 450 x 750

ClearLine® BIOBased CryoGen® Cryotubes

Manufactured with at least 90% certified plastic from bio-based raw materials, with innovative screw caps to eliminate leakage and contamination. With unique and unrepeatable standard code 128 barcode, 2D tubes feature datamatrix code inserted in the bottom, sequential and corresponding to the code 128 on the tube's body.

- Polypropylene tubes, polypropylene and TPV caps
- Storage temperature +4°C to liquid nitrogen vapour phase
- Sterile SAL 10⁻⁶
- Certified IATA PI650
- Free of human DNA, DNase, RNase, endotoxins, ATP and PCR inhibitors



Code	Description	Capacity, mL	Bottom	Thread
F22700	1D	1.2	Self standing	External
F22702	1D	1.2	Self standing	Internal
F22704	1D	2	Self standing	External
F22706	1D	2	Self standing	Internal
F22708	1D	2	Round	External
F22710	1D	2	Round	Internal
F22712	1D	3	Self standing	External
F22714	1D	4	Self standing	External
F22716	1D	4	Self standing	Internal
F22718	1D	4	Round	Internal
F22720	1D	5	Self standing	External
F22722	1D	5	Self standing	Internal
F22724	1D	5	Round	Internal
F22726	2D	2	Self standing	External
F22728	2D	2	Self standing	Internal
F22730	2D	5	Self standing	External
F22732	2D	5	Self standing	Internal



Corning Falcon® Pipette Controller

1
YEAR

With conveniently positioned switches, large LCD display, and ergonomic design. Includes two position charging stand, universal battery charger, 3 x batteries, 2 x 0.2µm and 2 x 0.45µm hydrophobic PTFE filters.

Code

F23634

Azenta Life Sciences FluidX™ IntelliXcap™ Capper/Decapper

fluidX™

A portable, lightweight, and flexible solution for capping and decapping 96 format screw caps for low-to-mid throughput environments, with easily interchangeable cartridges to switch between tube types. The 8 channel, handheld capper/decapper offers consistent sealing, capable of capping a single column of 8 screw caps in under 4 seconds.

- Individually driven motors tighten all caps to the same torque
- Interchangeable cartridge system to support different caps
- Single 'action' button operation
- Operated by battery or AC plug in
- Includes capper/decapper, docking station, power cables, manual, cartridges for Azenta internal and external thread tubes in 96 SBS format racks



Code	Dims, w x d x h, mm
------	---------------------

F21352	50 x 250 x 95
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Azenta Life Sciences FluidX™ USB Single Tube Reader

5 YEARS

fluidX™



High-performance, easy to use, portable reader developed with broad compatibility in mind, reading any 2D coded sample tube currently on the market. With the dual capability of decoding any 2D data matrix coded tube and reading any tube or rack carrying a 1D linear barcode.

- Instant 1D and 2D code reading
- Error-proof barcode reading
- Large scanning window and superior decoding technology
- Direct data export to any application
- USB plug and play means fast set up with no external power supply required



Code	Dims, w x d x h, mm
------	---------------------

F21246	59 x 150 x 38
--------	---------------

Azenta Life Sciences Ziath DP5 Rack Readers

2 YEARS



The Mirage rack reader is a compact camera based 2D rack scanner with easy, out-of-the-box set up, delivered pre-calibrated and ready to scan. It can read all commonly used SBS format racks. The Cube is a fast camera reader with a unique cuboid design that can read all rack types currently available on the market, including those which are larger than the SBS format, such as cryoboxes. A robust build and minimal cabling make it great for both benchtop and integrated applications.

- Unique patent pending scanning technology
- Low profile allows use on robotic integrations
- DP5 Standard reader software
- Cryoprotection™ coating eliminates condensation and ensures uninterrupted scanning
- Includes DP5 Mirage/Cube instrument, power adaptor/cable, DP5 software (download link), Cryoprotection™, USB lead, and user guide (download link)



Code	Description	Dims, w x d x h, mm
F21244	Mirage Standalone with Cryoprotection™ and DP5 Standard	135 x 208 x 80
F23290	Cube Standalone with Cryoprotection™ and DP5 Standard	152 x 174 x 146



Welch MPC 090 E Chemical Duty Diaphragm Pump

1 YEAR

A compact, chemically resistant two-stage pump designed for handling aggressive gases and vapours. Featuring PTFE diaphragm, carbon fiber reinforced pump and connection heads, oil-less operation, and easy maintenance.

Code	Pumping Speed, L/min	Ultimate Pressure, mbar	Tubing	Dims, w x d x h, mm
F151714	13	100	DN 6	144 x 198 x 244

KNF Laboport® 820/840 G Diaphragm Vacuum Pumps

2 YEARS



Chemically resistant, compact and oil-free diaphragm vacuum pumps with manual speed control for adjusting the pump capacity to your specific application. Featuring a gas ballast, PTFE/TFM heads, PTFE-coated diaphragms and FFPM valves. Suitable for a wide range of laboratory applications including extremely aggressive/corrosive gasses and vapours.

- Ultimate vacuum (max): 6mbar (abs.)
- Adjustable speed control
- ATEX compliant to (Ex) II 2/-G IIB+H2
T3 internal atmosphere only
- Chemically-resistant PTFE/FFPM flowpath
- 100% oil-free transfer



Code	Model	Delivery, L/min	Dims, w x d x h, mm
F14996	N 820 G	20	163 x 259 x 220
F14998	N 840 G	34	177 x 289 x 240

KNF Laboport® N 96 Mini Diaphragm Vacuum Pump

2 YEARS



Very compact, chemically resistant and oil-free diaphragm vacuum pump with manual speed control for adjusting the pump capacity to your specific application. It features a PPS head, PTFE-coated diaphragm and FKM valves. Suitable for a wide range of laboratory applications.

- Adjustable speed control
- Outstandingly easy to use
- Small footprint to optimise workspace
- Maintenance-free



Code	Delivery, L/min	Max Ultimate Vacuum, mbar (abs.)	Dims, w x d x h, mm
F14994	7	130	75 x 156 x 119

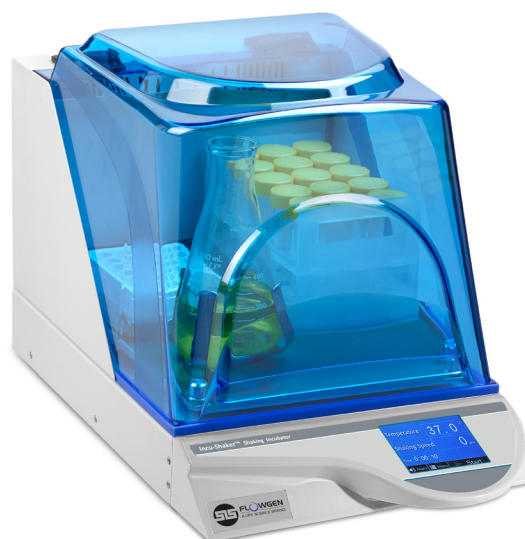
SLS Flowgen Incu-Shaker™ Mini Shaking Incubator

2
YEARS



A compact shaking incubator with a remarkably small footprint that accepts several platforms and a variety of flasks, tubes and other common vessels. The standard platform (included) features a non-slip, rubber coated surface, ideal for tissue culture flasks, Petri dishes and staining trays. Exchange flask clamps in one second with the MAGic Clamp™ magnetic platform (sold separately).

- Touch screen control over time, speed and temperature
- Circular horizontal 19mm orbit
- Program STEP for linking consecutive programs
- Constant monitoring ensures accuracy throughout the programme
- See the SLS website for compatible clamps and platforms



Code	Temp Range, °C	Orbit, mm	Speed Range, RPM	Dims, w x d x h, mm
F14950	Ambient +5 to 70	19	30 - 300	280 x 480 x 330

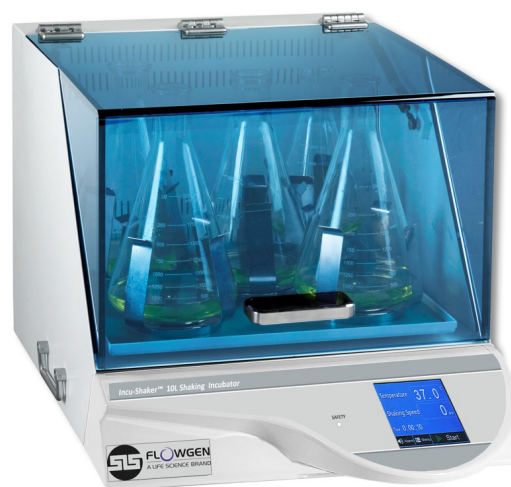
SLS Flowgen Incu-Shaker™ Shaking Incubators

2
YEARS



A heavy-duty performer, designed for heavy workloads and continuous use. Outstanding temperature accuracy and uniformity are supported by heat distribution technology that ensures that temperatures are precisely maintained. Noise and vibration are minimised by an advanced, computer designed motor isolation system. Rubber mat platform (included) is ideal for use with tissue culture flasks, Petri dishes, staining trays and other flat vessels. The convenient MAGic Clamp™ platform (sold separately) is also available.

- Large platform 18 x 18", for up to 5 x 2L
- Horizontally circular 19mm orbit
- Variable speed range 30 to 300rpm
- Timer: 1 min to 48 hrs or continuous
- See the SLS website for compatible clamps and platforms



Code	Model	Temp Range, °C	Dims, w x d x h, mm
F14960	10L	Ambient +5 to 60	510 x 650 x 470
F16530	10LR refrigerated	Ambient -12 to 60	510 x 790 x 560

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.

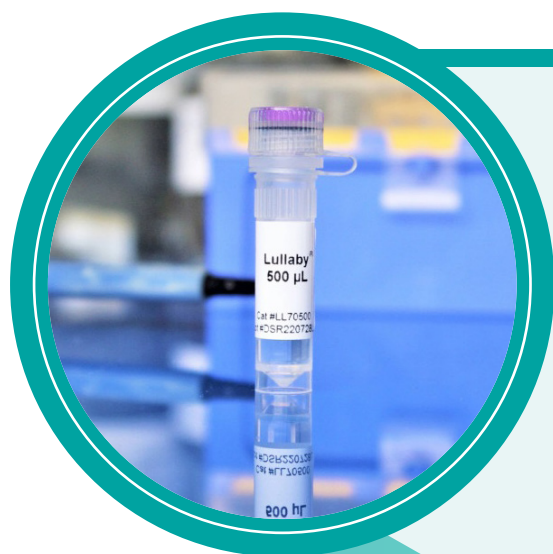
- Intuitive, icon-based, interactive, touchscreen user interface
 - Up to 2L/min ultrapure water with volumetric dispense
 - Variable make up rate, up to 25L/hr
 - Mount on-bench, under-bench or on the wall
 - Continuous TOC monitoring
 - Low endotoxin, RNase, DNase and protease options available
- Installation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



Code	Model	Dispenser
F17184	+20 UF	Integrated
F17186	+20 UF R	Remote

Reservoirs

Code	Capacity, L	Description	Dims, w x d x h, mm
F151364	30	Storage reservoir	405 x 230 x 495
F151365	60	Storage reservoir	480 x 330 x 495
F151366	100	Storage reservoir	480 x 360 x 810
F17188	100	Storage reservoir with pump	480 x 360 x 810



OZ Biosciences Lullaby® siRNA Transfection Reagent

The ideal siRNA transfection reagent for gene silencing. Relying on the TEE-technology, it reaches up to 90% gene silencing with high reproducibility and a very low toxicity.

Code	Pack
F23056	500µL
F23058	1mL
F23060	3 x 1mL

IKA RV 3 Rotary Evaporator Starter Solution



IKA®



The complete solution for your rotary evaporator setup. In addition to the rotary evaporator RV 3 V, the package includes the HB eco heating bath with a capacity of 4L and a heating temperature range of RT to 99°C, a highly efficient vertical glass condenser set with 1L receiver and evaporator flask, as well as the VACSTAR lite vacuum pump with VC 10 lite vacuum controller and the RC 2 lite recirculating chiller.

- All components and connections required for operation are included
- Includes RV 3 FLEX rotary evaporator, RV 10.1 glassware vertical, VC 10 lite vacuum controller, VACSTAR lite vacuum pump, VC 10.500 stand pole, RC 2 lite recirculating chiller, RV 10.5005 set of hoses, and PC 1.3 cable



Code

F22560

SLS Lab Pro Personal Autoclaves



Ideal for general laboratory use, and can be used for sterilising media (F21228), glassware, and instruments. These autoclaves are easy to operate with simple one touch operation and fast cycle times. F21228 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
F21224	Standard autoclave	126	9	210 x 230
F21226	Autoclave with gauges	126	12	210 x 270
F21230	Autoclave with printer	134	9	210 x 230
F21228	Media autoclave	121	12	210 x 270

Astell Compact Ecofill Autoclaves



One of the most energy efficient autoclaves available. The pressure vessel design ensures the minimum amount of water is used, meaning low power consumption and quick heating and cooling. Featuring an integral reservoir and an in-built water recirculation system. Once filled, the reservoir provides water for up to 15 cycles, and acts as a collection vessel for condensate. The collected water is returned at the end of each cycle, minimising water usage.



- 316 stainless steel electropolished chamber
- Fully programmable 5.7" colour touch screen controller
- Five pre-programmed cycles and up to 50 available
- USB interface for downloading controller data
- Temperature range of 100 to 138°C (0.2 - 2.4 Bar)
- FREE laboratory standard pack worth up to £690!



May incur an additional delivery charge



Code	Capacity, L	Chamber Dims, Ø x d, mm	Dims, w x d x h, mm
F13062	33	346 x 355	520 x 805 x 600
F13066	43	346 x 355	520 x 805 x 600
F13068	63	346 x 355	520 x 1005 x 600

introducing

LABORATORY STANDARD AUTOCLAVES

Perfect for most popular lab loads: • Glassware • Discard • Liquids • Growth Media

Astell's Best Selling
**AMB Benchtop Frontloading
& AMA Compact Toploading
Autoclaves**



are now available with the
Laboratory Standard Pack

which includes
**Fan Cooling
Load Sensed Process Timing
Packing and UK Delivery**
as standard



**GREAT FOR
GROWTH MEDIA**

setting the standard for laboratory autoclaves



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	Supplied with	Shelf Positions
F16476	60	2 x stainless steel shelves	5
F16478	110	2 x stainless steel shelves	8
F16480	250	3 x stainless steel shelves	10

LMS Series 4 Cooled Incubator



Large cabinet with stainless steel interior and exterior, Series 4 incubators cope with the largest workloads. Standard single set point control, full P.I.D. heating/cooling control to ensure stable internal temperature, and fan assisted air circulation via premixing chamber.

- Pre-set 70°C safety cutout for total cabinet protection
- Hermetically sealed refrigeration system
- Self-evaporating condensate drip-tray
- Automatic defrost
- Door lock
- RJ 45 interface
- Access porthole
- Fruit fly modification



May incur an additional delivery charge

Code	Capacity, L	Temp Range, °C	Dims, w x d x h, mm
F23186	600	-10 to 50	800 x 900 x 2080

Best results in safe hands

LIEBHERR

Refrigeration and Freezing:
Scientific and Healthcare



Introducing Liebherr's New Heavy-Duty Laboratory Appliances

Designed for modern labs, Liebherr's new Heavy-Duty range offers ventilated models in **Performance** and **Perfection** series, featuring enhanced visibility, flexible storage, and intuitive controls. The Perfection series adds DIN 13277 compliance, advanced door locks, and integrated connectivity for seamless monitoring. Reliable and secure, these appliances simplify workflows and protect critical samples.



Labcold IntelliCold® Pharmacy Refrigerators

5
YEARS

LABCOLD™
medical & scientific refrigeration

Designed and developed for the safe storage of temperature sensitive medicines and vaccines. Featuring the IntelliCold® touch screen controller, which displays alarms and records alarm states, fridge operation, door openings and temperature data for both probes at minute intervals.

- Controller and alarm battery back up
- Door open, power failure, and high/low temperature alarms
- Secondary (wandering) temperature probe
- Fan assisted cooling
- Environmentally friendly refrigerant

May incur an additional
delivery charge



Code	Capacity, L	Door Style
F22068	66	Solid
F22076	66	Glass
F22070	150	Solid
F22078	150	Glass
F22072	340	Solid
F22080	340	Glass
F22074	440	Solid
F22082	440	Glass
F22084	543	Solid
F22086	543	Glass

Haier Biomedical Laboratory Refrigerator

5
YEARS

Haier Biomedical
Intelligent Protection of Life Science

Upright laboratory refrigerator with a smart temperature control system, which keeps the internal temperature variation within $\pm 3^{\circ}\text{C}$ inside the chamber. Automatic door closing function and high strength tempered glass shelves.

- Highest and lowest historic temperature data saved
- High efficiency HC cooling technology
- Mortise lock with option to add a padlock
- High/low temperature, door opening, and sensor error alarms

May incur an additional delivery charge



Code	Model	Temp Range, °C	Capacity, L	Dims, w x d x h, mm
F19536	HLR-310F	3 to 16	310	605 x 600 x 1870

Haier Biomedical Freezers

5 YEARS

Haier Biomedical
Intelligent Protection of Life Science

With integrated cold shelf and evaporator design for maximum refrigeration efficiency, manual defrost, and internal drawers. Reliable, energy-efficient and environmentally friendly HC refrigeration. Featuring microprocessor controller, LED display with battery backup, alarm functions and lock. Efficient hydrocarbon (HC) compressor and optimised refrigeration system, with low power consumption.

- Secure and safe, suitable for multiple users with mechanical lock plus lock catch
- Microprocessor electronic temperature controller
- LCD digital temperature display with display precision is 0.1°C

May incur an additional delivery charge



Code	Model	Temp Range, °C	Capacity, L	Dims, w x d x h, mm
F19534	DW-25L92	-10 to -25	92	640 x 610 x 810
F19532	DW-25L262	-10 to -25	262	700 x 705 x 1665

Haier Biomedical Cryo Chest Freezer

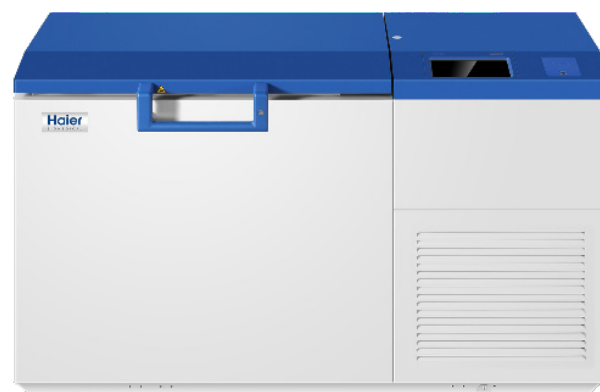
5 YEARS

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

Haier Biomedical Low Temperature Transport Trolley

Haier Biomedical
Intelligent Protection of Life Science

Can be used to preserve plasma and biomaterials during transportation, it is suitable for deep hypothermia operation and transportation of samples. High quality stainless steel with thermal insulation layer ensures the effectiveness and durability.

- Touch screen LCD
- Monitors the temperature and liquid level in real time and displays the expected remaining service time (liquid nitrogen levels)
- USB data export



May incur an additional delivery charge

Code	Model	LN ₂ Capacity, L	2mL Vial Capacity	Dims, w x d x h, mm
F20502	YDC-3000H	33	3000	523 x 1295 x 1095

SLS Lab Pro Statebourne Biorack Storage Refrigerators

5 YEARS

Highly efficient storage of bulk quantities of cryovials. Racking systems housed within these ultra-low loss cryogenic refrigerators enable users to store large quantities of biomedical material over long periods of time, safe in the knowledge that storage temperatures will be below -190°C even in the vapour phase.

- Advanced super insulation and ultra-high vacuum techniques
- Supplied complete with racks and polycarbonate cryoboxes
- Ultra-low evaporative losses
- FREE roller base
- Compatible with all major cryobox brands
- May incur an additional delivery charge
- Heavy duty lockable enclosure offers excellent security



In partnership with
STATEBOURNE
cryogenics



Code	Model	LN ₂ Capacity, L	2mL Vial Capacity	Dims, h x Ø, mm	Supplied with
F19308	Biorack 750	35	750	710 x 480	5 racks, 30 5x5 cryoboxes
F19312	Biorack 3000	85	3000	738 x 646	6 racks, 30 10x10 cryoboxes
F19314	Biorack 4800	131	4800	913 x 646	6 racks, 48 10x10 cryoboxes
F19316	Biorack 6000	160	6000	1027 x 646	6 racks, 60 10x10 cryoboxes



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SUPPLIES**



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L Pipettes

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