

FOCUS

EXCLUSIVE OFFERS & EXCITING NEW PRODUCTS

See page 19...

**SAVE
25%**

GREAT NEW OFFERS INSIDE:

Excel Enigma Non-Vacuum
Steam Steriliser/Autoclave
[See page 38]

Eppendorf Cryocube
F740h Series
[See page 47]

Gilson PIPETMAN P Classic Pipettes

Fully adjustable, air-displacement pipette,
direct volume reading (decimal digits)



See page 5...

**40%
OFF**



Eppendorf Centrifuge 5427 R

High capacity micro centrifuge with
a NEW double-row 48-place rotor

1st Feb - 31st May

2019

Brought to you by Ireland's totally independent
supplier of scientific products

WELCOME

FOCUS

February 2019 Edition

Welcome to another bumper edition of FOCUS. This edition is packed full of great offers and brand new products covering a wide range of applications and budgets.

Whether you are a life scientist, analytical chemist or simply looking to kit out your lab, FOCUS is a great place to start your product search.

Remember: These offers are EXCLUSIVE to Analab and valid until 31st May 2019

Suppliers



KEY to product symbols:

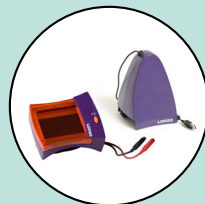
- 1** Length of warranty
- 2+** No. years warranty can be extended
- L** Lifetime warranty
- Sustainable



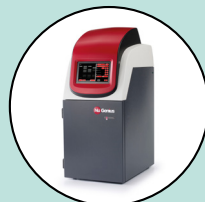
KEY Highlights



Eppendorf epMotion 96
Semi-Automated
Electronic Pipettes
See page 9



Lonza FlashGel System
See page 26



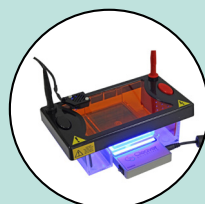
NuGenius Gel
Documentation System
with FREE Kit
See page 23



Corning Step-R
Repeating Pipettor
See page 8



SLS Lab Pro Safevac Vacuum
Aspiration System
See page 32



Cleaver runVIEW Mini
Blue Light Illuminator with
multiSUB Gel Tanks
See page 25

SLS Lab Pro Low Retention Racked Sterile Filtered Tips

Low retention polymer designed to increase pipetting accuracy by virtually eliminating sample retention. These tips deliver volumes within 0.1% of the indicated volume, versus 0.7% for standard polymer tips thereby providing more accurate results.



30%
less plastic

Over
***50% OFF**
offer!



***Offer prices are valid when you purchase 3 packs or more**

| Code | Description | Pack | Offer Price, £* | Offer Price, €* |
|--------|-------------|---------|-----------------|-----------------|
| F11358 | 10µL | 10 x 96 | 32.00 | 37.10 |
| F11360 | 10XL | 10 x 96 | 32.00 | 37.10 |
| F11362 | 20µL | 10 x 96 | 32.00 | 37.10 |
| F11364 | 100µL | 10 x 96 | 32.00 | 37.10 |
| F11366 | 200µL | 10 x 96 | 32.00 | 37.10 |
| F11368 | 300µL | 10 x 96 | 32.00 | 37.10 |
| F11370 | 1000µL | 8 x 96 | 32.00 | 37.10 |
| F11372 | 1250µL | 8 x 96 | 32.00 | 37.10 |



SLS Select Reagent Reservoirs

100mL, Sterile, Inner packs of 5, DNA, RNase & pyrogen free.
Supplied in packs of 100

| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11480 | 21.00 | 24.40 |

OVER
50% OFF

SLS LAB Pro Single Channel Pipettes

3 YEARS

- ✓ Ergonomic design ensuring light weight & soft plunger movement
- ✓ Click-stop system for volume selection
- ✓ Colour coded for easy identification
- ✓ Calibration conforms to EN-ISO 8655 standards ensuring high accuracy & precision
- ✓ Calibration report enclosed with every pipette

Up to
66% OFF
list price



| Code | Volume Range, μL | Increment, μL | Compatible Lab Pro Tips | Offer Price, £ | Offer Price, € |
|--------|-----------------------------|--------------------------|--|----------------|----------------|
| F11320 | 0.1-2.5 | 0.01 | 10 μL /10XL | 46.00 | 53.40 |
| F11322 | 0.5-10 | 0.1 | 10 μL /10XL | 46.00 | 53.40 |
| F11324 | 2-20 | 0.1 | 10XL | 46.00 | 53.40 |
| F11326 | 5-50 | 0.5 | 20 μL /100 μL | 46.00 | 53.40 |
| F11328 | 10-100 | 0.5 | 100 μL /200 μL | 46.00 | 53.40 |
| F11330 | 20-200 | 1 | 200 μL /300 μL | 46.00 | 53.40 |
| F11332 | 100-1000 | 5 | 1000 μL /1250 μL | 46.00 | 53.40 |
| F11334 | 500-5000 | 50 | - | 46.00 | 53.40 |
| F11336 | 1000-10000 | 100 | - | 46.00 | 53.40 |

SLS LAB Pro Multi Channel Pipettes

3 YEARS

- ✓ Smooth and light tip loading and ejection
- ✓ Leak free sealing of tips
- ✓ Manifold can rotate 360° for easy right or left hand operation
- ✓ Easily removable & fully autoclavable manifold

Up to
70% OFF
list price



| Code | Channel | Volume Range, μL | Compatible Lab Pro Tips | Offer Price, £ | Offer Price, € |
|--------|---------|-----------------------------|--------------------------------------|----------------|----------------|
| F11338 | 8 | 0.5 - 10 | 10 μL /10XL | 159.00 | 184.00 |
| F11340 | 8 | 5 - 50 | 20 μL /100 μL | 159.00 | 184.00 |
| F11342 | 8 | 10 - 100 | 100 μL /200 μL | 159.00 | 184.00 |
| F11344 | 8 | 20 - 200 | 200 μL /300 μL | 159.00 | 184.00 |
| F11346 | 8 | 30 - 300 | 200 μL /300 μL | 159.00 | 184.00 |
| F11348 | 12 | 0.5 - 10 | 10 μL /10XL | 193.00 | 224.00 |
| F11350 | 12 | 5 - 50 | 20 μL /100 μL | 193.00 | 224.00 |
| F11352 | 12 | 10 - 100 | 100 μL /200 μL | 193.00 | 224.00 |
| F11354 | 12 | 20 - 200 | 200 μL /300 μL | 193.00 | 224.00 |
| F11356 | 12 | 30 - 300 | 200 μL /300 μL | 193.00 | 224.00 |

Gilson PIPETMAN P Classic Pipettes L



Designed and manufactured to provide you with a range of robust, accurate and precise pipettes. The PIPETMAN P Classic is a fully adjustable, air-displacement pipette with a direct volume reading displayed in decimal digits to prevent mistakes in volume setting.

- ✓ Stainless-steel PVDF components ensure resistance to aggressive chemicals
- ✓ Air-tight seal with unique grease-free "dry seal" technology
- ✓ Performance exceeding ISO recommendations by an average of 50%



40%
OFF
list price

| Code | Description | Volume Range, µL | Offer Price, £ | Offer Price, € |
|--------|----------------|------------------|----------------|----------------|
| F11258 | Pipetman P2 | 0.2-2 | 119.00 | 138.00 |
| F11260 | Pipetman P10 | 1-10 | 119.00 | 138.00 |
| F11262 | Pipetman P20 | 2-20 | 119.00 | 138.00 |
| F11264 | Pipetman P100 | 20-100 | 119.00 | 138.00 |
| F11266 | Pipetman P200 | 50-200 | 119.00 | 138.00 |
| F11268 | Pipetman P1000 | 200-1000 | 119.00 | 138.00 |
| F11270 | Pipetman P5000 | 1000-5000 | 119.00 | 138.00 |
| F11272 | Pipetman P10mL | 1000-10,000 | 119.00 | 138.00 |

KANGO Chrome Chair



SPECIAL OFFER

KANGO Chrome Chair

SPECIAL OFFER

30%
OFF

| Code | Height Adjustment, mm | Offer Price, £ | Offer Price, € |
|--------|-----------------------|----------------|----------------|
| F11382 | 590 to 830 | 218.00 | 253.00 |



thermoscientific

The difference is clear

When patient outcomes hinge on accurate test results, you can't cut corners.

Although often taken for granted, your laboratory's glass and blades can dramatically impact test performance, diagnosis and workflow.

Thermo Scientific slides are manufactured to exacting standards in our state-of-the-art glassworks sites. Likewise, we partner with world-renowned metalsmiths, to produce sharp, durable blades designed to meet the needs of the most-demanding laboratories.

Seeing is believing. Contact your local Scientific Laboratory Supplies representative for a free sample pack of Thermo Scientific™ MX35 Ultra Blades or Thermo Scientific™ Superfrost™ PLUS slides.*

Discover the difference at thermofisher.com/pathology



Thermo Scientific™ MX35 Ultra Blades



Thermo Scientific™ Superfrost™ PLUS Slides

ThermoFisher
SCIENTIFIC

*Offer is not available to healthcare professionals, healthcare providers, government funded universities or other government funded agencies or any of their employees. Please contact your Scientific Laboratory Supplies sales representative to see if you qualify for this promotion. Offer ends March 31, 2019. Thermo Fisher Scientific reserves the right to discontinue this promotion for any reason and without prior advanced notice. © 2016 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified.

Gilson PIPETMAN L Pipettes L



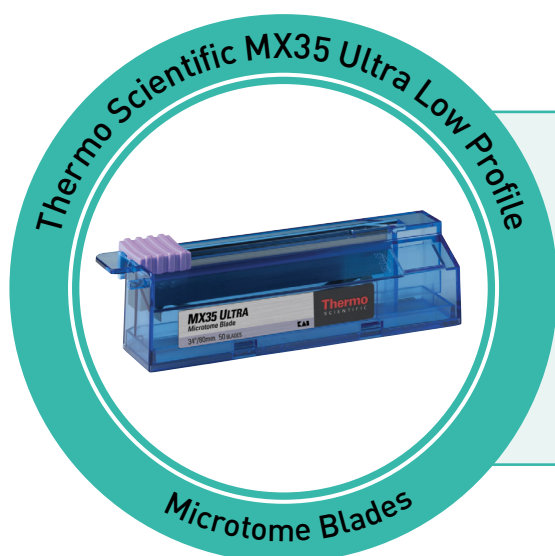
The large arched hook reduces tensions while holding the pipette and the thumb is positioned closer to the push button thus reducing overall pipetting forces. Featuring a patented volume locking system for safe, secure pipetting.

- ✓ Adjustable tip ejector button to adapt to both right- and left-handed users, excluding multichannel, 5mL and 10mL pipettes
- ✓ Clip mechanism allows easy and safe removal of tip ejector
- ✓ Lowest pipetting forces on the market give increased comfort even when pipetting for long periods
- ✓ GLP features include 2-D bar code for traceability



40%
OFF
list price

| Code | Description | Volume, μ L | Ejector | Offer Price, £ | Offer Price, € |
|--------|-------------------|-----------------|---------|----------------|----------------|
| F11230 | Pipetman L P2L | 0.2-2 | Metal | 137.00 | 159.00 |
| F11232 | Pipetman L P10L | 1-10 | Metal | 137.00 | 159.00 |
| F11234 | Pipetman L P20L | 2-20 | Metal | 137.00 | 159.00 |
| F11236 | Pipetman L P100L | 10-100 | Metal | 137.00 | 159.00 |
| F11238 | Pipetman L P200L | 20-200 | Metal | 137.00 | 159.00 |
| F11240 | Pipetman L P1000L | 100-1000 | Metal | 137.00 | 159.00 |
| F11242 | Pipetman L P2L | 0.2-2 | Plastic | 137.00 | 159.00 |
| F11244 | Pipetman L P10L | 1-10 | Plastic | 137.00 | 159.00 |
| F11246 | Pipetman L P20L | 2-20 | Plastic | 137.00 | 159.00 |
| F11248 | Pipetman L P100L | 10-100 | Plastic | 137.00 | 159.00 |
| F11250 | Pipetman L P200L | 20-200 | Plastic | 137.00 | 159.00 |
| F11252 | Pipetman L P1000L | 100-1000 | Plastic | 137.00 | 159.00 |
| F11254 | Pipetman L P5000L | 500-5000 | - | 137.00 | 159.00 |
| F11256 | Pipetman L P10mL | 1000-10,000 | - | 137.00 | 159.00 |



MX35 Ultra Low Profile Microtome Blades

Supplied in packs of 50

| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11294 | 52.00 | 60.30 |

SPECIAL OFFER

30%
OFF

Corning Step-R Repeating Pipettor 3 YEARS

CORNING

Suitable to dispense volatile, dense, viscous, or foaming liquids, and for all applications where long dosing series are required. It works with 8 syringe tips sizes to dispense doses from 1µL up to 5mL.

- ✓ Easy volume setting: volume selection chart conveniently placed on the handle
- ✓ Fast and precise multiple dispensing: up to 48 pipetting doses without refilling the tip syringe
- ✓ Positive displacement syringe tips ideal for high density liquids e.g. glycerol or ethanol
- ✓ Maintenance-free
- ✓ Meets ISO 8655 requirements
- ✓ Sterile tips are certified to be pyrogen, ATP, RNase, and DNase-free

30%
OFF
list price



20%
OFF
list price

Corning Syringe Tips

| Code | Capacity, mL | Sterile | Pack | Offer Price, £ | Offer Price, € |
|--------|--------------|---------|------|----------------|----------------|
| F11198 | 0.05 | N | 100 | 94.00 | 109.00 |
| F11200 | 0.5 | N | 100 | 36.70 | 42.60 |
| F11202 | 1.25 | N | 100 | 36.70 | 42.60 |
| F11204 | 2.5 | N | 100 | 36.70 | 42.60 |
| F11206 | 5.0 | N | 100 | 36.70 | 42.60 |
| F11208 | 12.5 | N | 100 | 36.70 | 42.60 |
| F11210 | 25 | N | 25 | 20.90 | 24.30 |
| F11212 | 50 | N | 25 | 21.50 | 24.90 |
| F11214 | 0.05 | Y | 100 | 118.40 | 137.00 |
| F11216 | 0.5 | Y | 100 | 56.00 | 65.00 |
| F11218 | 1.25 | Y | 100 | 56.00 | 65.00 |
| F11220 | 2.5 | Y | 100 | 56.00 | 65.00 |
| F11222 | 5.0 | Y | 100 | 56.00 | 65.00 |
| F11224 | 12.5 | Y | 100 | 56.00 | 65.00 |
| F11226 | 25 | Y | 25 | 21.00 | 24.40 |
| F11228 | 50 | Y | 25 | 22.40 | 26.00 |



Eppendorf epMotion 96 Semi-Automated Electronic Pipette

1 YEAR

eppendorf

A semi-automated electronic pipette for fast and precise parallel 96 channel microplate processing.

A large volume range is available for convenient use over a range of applications.

20%
OFF
list price

- ✓ Software based on Eppendorf Xplorer® electronic pipettes provided as free Apple app
- ✓ Intelligent, preset applications: aspiration, dilution, sequential dispensing, multi dispensing
- ✓ Save frequently used volumes for quick programming
- ✓ Possibility to program multi-step pipetting tasks for complex applications
- ✓ Auto-detection of tip size
- ✓ Compact design to fit under a laminar flow hood



| Code | Description | Volume Range, µL | Offer Price, £ | Offer Price, € |
|--------|--------------------------------------|------------------|----------------|----------------|
| F11504 | epMotion 96 | 0.5-300 | 11,968.00 | 13,883.00 |
| F11506 | epMotion 96 with 2-position slider | 0.5-300 | 13,040.00 | 15,126.00 |
| F11508 | epMotion 96xl | 5-1000 | 12,256.00 | 14,217.00 |
| F11510 | epMotion 96xl with 2-position slider | 5-1000 | 13,560.00 | 15,730.00 |

Delivery not included



SLS Lab Basics Pipette Filler

| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11292 | 100.00 | 116.00 |

OVER
45%
OFF

SLS Lab Basics Bottle Top Dispensers with Re-Circulating Valve

1 YEAR



NEW

Designed for easy use and outstanding performance, in addition to being extremely durable and reliable. Our bottle top dispensers are calibrated in an ISO 17025 accredited calibration facility.

- ✓ Fully autoclavable
- ✓ Easy re-calibration: a single tool to recalibrate
- ✓ Volume lock: smooth and accurate volume setting
- ✓ Comes with 4 additional adapters for regular bottle sizes

40%
OFF
list price



| Code | Volume, mL | Incremental Volume, mL | Offer Price, £ | Offer Price, € |
|--------|------------|------------------------|----------------|----------------|
| F11296 | 1 - 10 | 0.2 | 108.00 | 125.00 |
| F11298 | 2.5 - 30 | 0.5 | 114.00 | 132.00 |
| F11300 | 5 - 60 | 1.0 | 114.00 | 132.00 |

Fluka™ Analytical Standards

20%
OFF



Advance your analysis with expert technical support

Honeywell Fluka™ analytical standards offer a growing range of high quality inorganic and organic reference materials produced according to ISO 9001, and suitable for a wide range of industries and applications. Every standard comes complete with a printed Certificate of Analysis (COA) and is eligible for free expert technical support – ensuring you have the information you need to quickly start your analysis, and pass relevant audits.

Visit www.analab.co.uk/standards or www.analab.ie/standards to view exclusive offers on over 500 products!

Honeywell

Flash Liquid-Liquid Extraction Phase Separator

- ✓ Rapid and easy separation of aqueous and chlorinated solvents
- ✓ Simply apply the two solvents to the column, wait for a few seconds and collect the chlorinated solvent
- ✓ Gravity flow filtration process, no vacuum required

**15%
OFF**
list price



| Code | Volume, mL | Ø, mm | Pack | Offer Price, £ | Offer Price, € |
|---------------|------------|-------|------|----------------|----------------|
| F11560 | 6 | 13 | 100 | 63.00 | 73.10 |
| F11562 | 15 | 16 | 100 | 63.00 | 73.10 |
| F11564 | 25 | 20 | 100 | 82.00 | 95.20 |
| F11566 | 70 | 27 | 50 | 53.00 | 61.50 |
| F11568 | 150 | 37 | 25 | 66.00 | 76.60 |

Flash-LL Silica Chromatography Columns (Pre-Packed)

- ✓ Instrument compatibility: SP1/SP4/Isolera - Biotage
- ✓ Functional group: un-functionalised silica
- ✓ Mean particle size: 40 - 60µm
- ✓ Capacity: 10% (w/w) maximum
- ✓ Column connection: luer-lok inlet / luer-lok outlet
- ✓ Frit material: polyethylene
- ✓ Pore size/porosity: 60Å
- ✓ Maximum pressure: 180psi

**10%
OFF**
list price



| Code | Mass, g | Ø, mm | Pack | Offer Price, £ | Offer Price, € |
|---------------|---------|-------|------|----------------|----------------|
| F11570 | 12 | 19 | 20 | 73.00 | 84.70 |
| F11572 | 20 | 24 | 20 | 100.00 | 116.00 |
| F11574 | 40 | 28 | 10 | 68.00 | 78.90 |
| F11576 | 80 | 31 | 5 | 57.00 | 66.10 |
| F11578 | 120 | 37 | 5 | 71.00 | 82.40 |

Flash Silica Chromatography Columns (Pre-Packed)

- ✓ Instrument compatibility: companion - Isco Teledyne
- ✓ Functional group: un-functionalised Silica
- ✓ Mean particle size: 40 - 60µm
- ✓ Capacity: 10% (w/w) maximum
- ✓ Column Connection: luer-lok inlet/ luer outlet
- ✓ Frit material: polyethylene
- ✓ Pore size / porosity: 60Å
- ✓ Maximum pressure: 180psi



| Code | Mass, g | Ø, mm | Pack | Offer Price, £ | Offer Price, € |
|--------|---------|-------|------|----------------|----------------|
| F11580 | 4 | 15 | 20 | 53.00 | 61.50 |
| F11582 | 12 | 21 | 20 | 67.00 | 77.80 |
| F11584 | 20 | 26 | 20 | 90.00 | 104.00 |
| F11586 | 40 | 31 | 10 | 63.00 | 73.10 |
| F11588 | 80 | 32 | 5 | 51.00 | 59.20 |
| F11590 | 120 | 41 | 5 | 66.00 | 76.60 |
| F11592 | 330 | 55 | Each | 53.00 | 61.50 |



Weighing Boat Polystyrene

Supplied in packs of 1000

| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11482 | 31.00 | 36.00 |

SPECIAL OFFER

65%
OFF

A&D FXi-WP Series Balances

5 YEARS



A&D
A&D Weighing

- ✓ IP-65 dust & water protection
- ✓ 2nd generation super hybrid sensor
- ✓ Die cast & stainless steel body
- ✓ High speed response time for stability in 1 second
- ✓ Blue vacuum fluorescent display
- ✓ Compact size: 263 x 193 x 85mm
- ✓ Large round weighing pan
- ✓ Arithmetical statistics function
- ✓ USB & LAN options (IP-65 not available for these options)

40% OFF
list price



| Code | Capacity, g | Readability, g | Pan Ø, mm | Offer Price, £ | Offer Price, € |
|---------------|-------------|----------------|-----------|----------------|----------------|
| F11274 | 122 | 0.001 | 130 | 516.00 | 599.00 |
| F11276 | 320 | 0.001 | 130 | 570.00 | 661.00 |
| F11278 | 1220 | 0.01 | 150 | 516.00 | 598.00 |
| F11280 | 3200 | 0.01 | 150 | 570.00 | 661.00 |



Laboratory Equipment



Do More with OHAUS

From stirrers to shakers, centrifuges to dry block heaters, lifts to clamps, the newly expanded OHAUS portfolio is filled with products perfect for life science applications, giving you countless opportunities to maximize your reach in your customer's laboratories.

Don't limit yourself to just measurement — **Do More!**



www.ohaus.com

Ohaus Pioneer Series Balances

Combines essential weighing functionality with excellent performance and is carefully designed for durability and ease-of-use.

- ✓ Pioneer balances offer high accuracy and repeatability
- ✓ Featuring a cast metal lower housing, sub-pan and stainless steel weighing pan
- ✓ Pioneer features a 2nd line display, a static removal bar, and USB connectivity
- ✓ Other features include: RS232 interface, integral weigh below hook, removable stainless steel pan, security bracket, software lockout menus, stability indicator, software overload/underload indicators, user selectable environmental settings, user brightness settings, auto dim, auto tare



Save 35% OFF the entire Ohaus range!
See the SLS website for many more fantastic Ohaus offers!



Pioneer Semi-Micro Balances


| Code | Model | Capacity, g | Readability, mg | Calibration | Offer Price, £ | Offer Price, € |
|----------------|---------|-------------|-----------------|-------------|-----------------|-----------------|
| BAL1414 | PX125D | 52/120 | 0.01/0.1 | Internal | 1,398.00 | 1,622.00 |
| BAL1416 | PX125DM | 52/120 | 0.01/0.1 | Internal | 1,505.00 | 1,746.00 |
| BAL1418 | PX85 | 82 | 0.01 | Internal | 1,450.00 | 1,682.00 |
| BAL1420 | PX85M | 82 | 0.01 | Internal | 1,557.00 | 1,806.00 |
| BAL1422 | PX225D | 82/220 | 0.01/0.1 | Internal | 1,505.00 | 1,746.00 |
| BAL1424 | PX225DM | 82/220 | 0.01/0.1 | Internal | 1,612.00 | 1,870.00 |

Pioneer Analytical Balances

| Code | Model | Capacity, g | Readability, mg | Calibration | Offer Price, £ | Offer Price, € |
|---------|---------|-------------|-----------------|-------------|----------------|----------------|
| BAL1300 | PX124/E | 120 | 0.1 | External | 647.00 | 751.00 |
| BAL1302 | PX124 | 120 | 0.1 | Internal | 754.00 | 875.00 |
| BAL1304 | PX124M | 120 | 0.1 | Internal | 839.00 | 973.00 |
| BAL1306 | PX224/E | 220 | 0.1 | External | 712.00 | 826.00 |
| BAL1308 | PX224 | 220 | 0.1 | Internal | 819.00 | 950.00 |
| BAL1310 | PX224M | 220 | 0.1 | Internal | 904.00 | 1,049.00 |

Pioneer Precision Balances

| Code | Model | Capacity, g | Readability, g | Calibration | Offer Price, £ | Offer Price, € |
|---------|----------|-------------|----------------|-------------|----------------|----------------|
| BAL1318 | PX323/E | 320 | 0.001 | External | 452.00 | 524.00 |
| BAL1320 | PX323 | 320 | 0.001 | Internal | 559.00 | 648.00 |
| BAL1322 | PX323M | 320 | 0.001 | Internal | 644.00 | 747.00 |
| BAL1324 | PX523/E | 520 | 0.001 | External | 494.00 | 573.00 |
| BAL1326 | PX523 | 520 | 0.001 | Internal | 601.00 | 697.00 |
| BAL1328 | PX523M | 520 | 0.001 | Internal | 686.00 | 796.00 |
| BAL1330 | PX3202/E | 3200 | 0.01 | External | 475.00 | 551.00 |
| BAL1332 | PX3202 | 3200 | 0.01 | Internal | 582.00 | 675.00 |
| BAL1334 | PX3202M | 3200 | 0.01 | Internal | 667.00 | 774.00 |
| BAL1336 | PX5202/E | 5200 | 0.01 | External | 514.00 | 596.00 |
| BAL1338 | PX5202 | 5200 | 0.01 | Internal | 621.00 | 720.00 |
| BAL1404 | PX5202M | 5200 | 0.01 | Internal | 706.00 | 819.00 |
| BAL1406 | PX4201/E | 4200 | 0.1 | External | 433.00 | 502.00 |
| BAL1408 | PX4201 | 4200 | 0.1 | Internal | 540.00 | 626.00 |
| BAL1412 | PX4201M | 4200 | 0.1 | Internal | 624.00 | 724.00 |



Differential Counter Denominator

SPECIAL PRICE

Differential Counter Denominator 9 Unit

| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11454 | 326.00 | 378.00 |

OVER
60%
OFF

Ohaus Light Duty Orbital Shakers

Designed for applications with loads under 3.6kg.

Easy-to-read, independent LED displays for speed/time allow the operator to view all settings simultaneously (digital models) and basic control knobs with dial markings for speed/time (analogue models).

- ✓ Microprocessor-controlled
- ✓ Detachable 3-wire cord and plug included
- ✓ Non-slip mat (29.9 x 22.2cm) included with all models except the Microplate Shaker (SHA6124)



| Code | Motion, mm | Speed range, rpm | Capacity | Control | Offer Price, £ | Offer Price, € |
|----------------|------------|------------------|-------------------------------------|---------|----------------|----------------|
| SHA6118 | 15 | 40 - 300 | 3.6kg | Analog | 533.00 | 618.00 |
| SHA6120 | 15 | 40 - 300 | 3.6kg | Digital | 702.00 | 814.00 |
| SHA6122 | 3 | 100 - 1200 | 3.6kg | Digital | 608.00 | 705.00 |
| SHA6124 | 3 | 100 - 1200 | 4 microplates or 2 micro tube racks | Digital | 575.00 | 667.00 |

Ohaus Microplate Vortex Mixers

Analogue variable speed models or microprocessor-controlled digital models offer exact speed control for applications that demand repeatable results.

Independent LED displays for speed/time allow the operator to view both settings simultaneously (digital models) and adjustment knob with dial markings for variable speed control (analogue models).

- ✓ Microplate adapter and cup head included
- ✓ Detachable 3-wire cord and plug included



| Code | Orbit, mm | Speed range, rpm | Capacity | Control | Offer Price, £ | Offer Price, € |
|----------------|-----------|------------------|---------------|----------|----------------|----------------|
| MIX6702 | 3.5 | 300 - 3500 | 2 microplates | Digital | 351.00 | 407.00 |
| MIX6700 | 3.5 | 300 - 3500 | 2 microplates | Analogue | 322.00 | 374.00 |

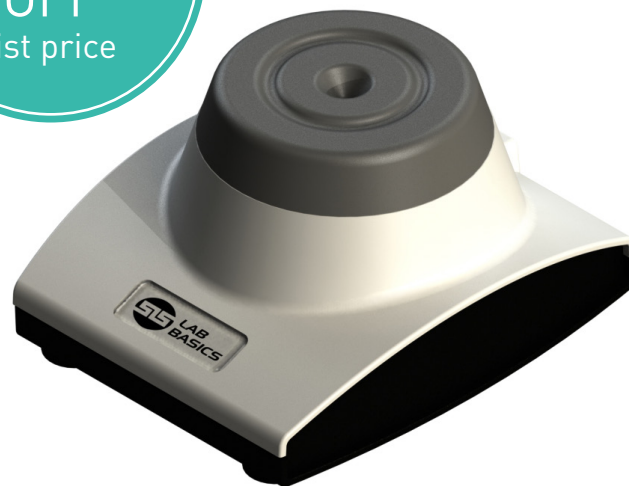
SLS Lab Basics Mini Vortex Mixer

1
YEAR



- ✓ Touch start operation
- ✓ Low profile design and small footprint (only 4.3 inches wide)
- ✓ Non-slip feet ensure the unit stays in place while mixing
- ✓ Made from durable ABS and silicone materials to resist most commonly used chemicals
- ✓ Quiet operation and low vibration
- ✓ Can be used with tubes ranging from 2mL to 50mL

40%
OFF
list price



| Code | Speed, RPM | Orbit, mm | Weight, kg | Offer Price, £ | Offer Price, € |
|--------|------------|-----------|------------|----------------|----------------|
| F11288 | 4500 | 6 | 0.9 | 77.00 | 89.30 |

SLS Lab Basics Mini Magnetic Stirrer

1
YEAR



Chemical resistant housing makes the unit easy to clean. The low-profile design is lightweight for transporting with ease and the small footprint saves valuable space on a bench top. The mini stirrer offers quiet operation with low vibration. Ideal for routine stirring applications. Includes: 1 mini magnetic stirrer, 2 stir bars 9mm x 35mm, universal power adapter.

- ✓ Speed range: 200 to 2200RPM
- ✓ Capacity: up to 3L
- ✓ Weight: 0.447kg

40%
OFF
list price



| Code | Speed Range, RPM | Capacity, L | Noise Level, dB | Weight, kg | Offer Price, £ | Offer Price, € |
|--------|------------------|-------------|-----------------|------------|----------------|----------------|
| F11290 | 200 - 2200 | 3 | 53 | 0.447 | 76.00 | 88.20 |

Heathrow Scientific Magnetic Induction Stirrer

3 YEARS



Stirrer using advanced coil technology to produce a very strong magnetic coupling. It has no moving parts making this unit wear and maintenance free.

NEW

- ✓ Safety certified and approved: CE, SGS, RoHS2, WEEE
- ✓ Speed range: 10 to 2,000RPM variable, 1RPM increments
- ✓ Time ranges: 30 seconds to 60 minutes, variable, 1 second increments or continuous
- ✓ Capacity: 3L plus
- ✓ Mixing surface: 165mm diameter, silicone mat 160mm diameter
- ✓ Weight: 1.13kg



| Code | Description | List Price, £ | List Price, € |
|---------|-----------------------------------|---------------|---------------|
| STI9154 | Magnetic Induction Stirrer Purple | 338.00 | 392.00 |
| STI9156 | Magnetic Induction Stirrer Blue | 338.00 | 392.00 |

Eppendorf Centrifuge 5920 R

3 YEARS

eppendorf

Compact and ergonomic product design. Featuring a superior capacity of up to 4 × 1,000mL or 52 x 50mL thus making it the ideal instrument for high-throughput applications.

- ✓ Includes Rotor S-4xUniversal-Large and universal buckets and adapters for 15mL/50mL conical tubes
- ✓ Allows for both tubes and plates to be used in the same bucket
- ✓ Menu-driven, multi-lingual operation menu with large backlit display
- ✓ Saves up to 99 user-defined programs
- ✓ 5 program keys for easy access to routine programs
- ✓ FastTemp pro® function for automated pre-cooling based on pre-programmable time and date

20% OFF
list price



| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11512 | 8,777.00 | 10,181.00 |

Delivery not included

Eppendorf Centrifuge 5427 R 2 YEARS

A high capacity micro centrifuge with a new double-row 48-place rotor. With an intuitive interface making it ideal for high-end research applications.

- ✓ Maximum spin speed 16,220RPM/25,000 x g
- ✓ New high capacity 48-place rotors available
- ✓ Short-Spin function for quick short centrifugation with pre-selectable rotation speed
- ✓ Eppendorf QuickLock® system for quick rotor lid opening and closing
- ✓ FastTemp™ for rapid pre-cooling of the centrifuge
- ✓ Continuous cooling maintains temperature after the run



eppendorf

25%
OFF
list price

| Code | Description | Offer Price, £ | Offer Price, € |
|---------------|---|----------------|----------------|
| F11514 | 5427 R with knobs and FA-45-48-11 rotor | 3,571.00 | 4,142.00 |
| F11516 | 5427 R with knobs and FA-45-30-11 rotor | 3,513.00 | 4,075.00 |

Delivery not included

Eppendorf Tubes 5.0mL

Ideal for medium volume samples.

- ✓ Available with batch tested and certified purity
- ✓ Suitable for centrifugation up to 25,000 x g
- ✓ Suitable for use and storage from -86 to 80°C, 100°C with clip
- ✓ Manufactured from high quality transparent polypropylene free of plasticisers, release agents and biocides



eppendorf



| Code | Description | Offer Price, £ | Offer Price, € |
|---------------|--|----------------|----------------|
| F11518 | Starter Pack PCR clean 400 tubes 2 tube-racks 8 adapters for rotors with bore for 15mL conical tubes | 85.50 | 99.20 |
| F11520 | Eppendorf quality 2 bags of 100 tubes each | 24.00 | 27.80 |
| F11522 | Screw cap Eppendorf quality 2 bags of 100 tubes each | 30.40 | 35.30 |
| F11524 | Screw cap PCR clean 2 bags of 100 tubes each | 35.20 | 40.80 |
| F11526 | Screw cap sterile pyrogen DNase RNase and DNA free 2 bags of 100 tubes each | 39.20 | 45.50 |

Himac CR30NX High-Speed Refrigerated Centrifuge

2 YEARS



himac

- ✓ Rotors maintain 4°C even at maximum rotor speed using powerful vacuum controlled refrigeration system
- ✓ Centrifugation speed of up to 110,000 x g (30,000RPM)
- ✓ Maximum nominal capacity 6L using either 6 x 1,000mL or 4 x 1,500mL rotors
- ✓ Low noise - the operating sound level is 56dB
- ✓ New rotor ID detection and self-locking rotor system
- ✓ Easy operation with colour touch-sensitive LCD
- ✓ Self-locking rotor system
- ✓ Non-contact imbalance detection system
- ✓ ECO mode
- ✓ Re-generated brake system



| Code | Description | List Price, £ | List Price, € |
|---------|-----------------------|---------------|---------------|
| CEN0102 | Single-Phase | 26,160.00 | 30,346.00 |
| CEN0104 | Three-Phase Four-Wire | 26,790.00 | 31,076.00 |

Delivery not included

Olympus CKX53 Inverted Microscope Packages

OLYMPUS

The CKX53 microscope is simple to operate, requires minimal optical adjustments and captures the best possible observation images with outstanding efficiency.

- ✓ Energy-saving LED light source delivers reliable colour reproducibility with a field number (FN) of 22
- ✓ 10X objectives (PLCN10X, CACHN10XIPC) enable use of Olympus' IVC technique to render clear 3D images for objects of any shape or transparency
- ✓ UV-resistant coating allows the microscope to be left on the bench during UV light sterilisation
- ✓ Universal holder accommodates a variety of containers including dishes, microplates and flasks

Delivery not included

All packages include:

- ✓ Power cord
- ✓ Manual condenser slider with Integrated Phase Contrast IPC element
- ✓ Universal Plan Fluorite phase contrast objective 4 x magnification
- ✓ Achromat phase contrast objective 10 x magnification
- ✓ Long working distance C Achromat phase contrast objective 20 x magnification
- ✓ Long working distance C Achromat phase contrast objective 40 x magnification
- ✓ Dust cover



CKX53 Inverted Microscope - Stand Alone Imaging Package

1
YEAR

Includes:

- ✓ Colour CCD Camera for C-mount - 3 Mpx 1/1.8", USB 3.0 interface and cable
- ✓ DP Camera controller
- ✓ Camera adapter with C-mount - 0.5 x magnification gives full field number 22 on 2/3" CCD camera chips with high IR transmission

| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11122 | 9,014.00 | 10,456.00 |



CKX53 Inverted Microscope - Cell Counting Package

Includes:

- ✓ Colour CCD Camera for C-mount - 3 Mpx 1/1.8", USB 3.0 interface and cable
- ✓ Camera adapter with C-mount - 0.5 x magnification gives full field number 22 on 2/3" CCD camera chips with high IR transmission
- ✓ CKX-CCSW Software for counting cells and checking cell confluency

| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11130 | 8,847.00 | 10,262.00 |

CKX53 Inverted Microscope - Cell Observation Package

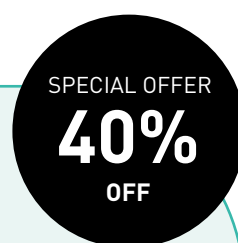
Includes:

- ✓ Camera adapter with C-mount - 0.5 x magnification gives full field number 22 on 2/3" CCD camera chips with high IR transmission
- ✓ Colour CMOS Camera for C-mount - 5 Mpx, 1/2.5" including SC50 camera, USB 3.0 interface, PCIe card and cable
- ✓ CellSens Entry Version 2 - Expandable Imaging software for Life Science microscopy applications
- ✓ CellSens setup DVD

| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11134 | 6,938.00 | 8,048.00 |



National Diagnostics Histology Clearing Agent 1 US Gallon



| Code | Description | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|----------------|
| F11384 | Histo-Clear | £63.00 | £73.10 |
| F11386 | Histo-Clear II | £43.00 | £49.90 |



Panthera L

Stands out with its unique combination of built-in Digital Capabilities. Its Smart CAM digital head and the ImagingOnDevice System simplifies your daily work, allowing you to work directly from your microscope to an HDMI screen with the help of a mouse, or work with your tablet and the Panthera App.

Panthera U

A University model, with 'Motic LightTracer' digital illumination control and Premium Plan UC optics for University Teaching. It has a 3W LED illumination easily interchangeable with different colour temperature LED bulbs, and a newly designed 2-slide compact rackless stage.

✓ 4X, 10X, 40X, 100X objectives included

Panthera C

A model for the traditional Microscope user. It is a Classical all-rounder, providing both Halogen and LED Full Kohler illumination with manual light management. It has an integrated USB Camera Power Port and an LED light intensity illumination indicator in the nosepiece.

| Code | Description | Offer Price, £ | Offer Price, € |
|--------|-----------------------|----------------|----------------|
| F11024 | Panthera U Binocular | 999.00 | 1,159.00 |
| F11026 | Panthera U Trinocular | 1,177.00 | 1,365.00 |
| F11028 | Panthera C Binocular | 1,103.00 | 1,279.00 |
| F11030 | Panthera C Trinocular | 1,285.00 | 1,491.00 |
| F11032 | Panthera L Binocular | 2,069.00 | 2,400.00 |

NuGenius Gel Documentation System 3 YEARS



NuGenius is a new generation, low cost, integrated system for DNA and protein analysis and gel documentation. Special offer package includes: NuGenius gel doc system, transilluminator (20 x 24cm, 302nm), visible light converter, UV to blue light converter and NuGenius network kit.

- ✓ 5 million pixel resolution camera
- ✓ Motor driven zoom lens (8 - 48mm f/1.2)
- ✓ Integrated 7 inch touch screen
- ✓ Built in processor running NuGenius software for image capture and editing
- ✓ Dims, w x d x h, mm: 310 x 450 x 750

Save over
£1000

FREE Transilluminator, Visible Light Converter, UV to Blue Light Converter and NuGenius Network Kit



| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11010 | 5,318.00 | 6,169.00 |

Delivery not included

Heathrow Scientific



Slide Mailers

Heathrow Scientific Slide Mailers

Supplied in packs of 25

| Code | Description | Offer Price, £ | Offer Price, € |
|--------|------------------|----------------|----------------|
| F11476 | Assorted colours | 9.20 | 10.70 |
| F11478 | Side opening | 10.80 | 12.60 |

**SPECIAL
OFFER**

GE Healthcare - Life Science Workflow



Distributor
GE Healthcare

Below are some examples of great savings available through SLS. Please contact your local Territory Sales Manager to discuss your Life Science workflow. You may also be able to get similar savings on other products by switching to GE.



| Code | Description | Pack | Offer Price, £ | Offer Price, € |
|--------|---|---------|----------------|----------------|
| F11100 | HiTrap MabSelect Prisma protein A Columns 1x1mL | 1 x 1mL | 206.00 | 239.00 |
| F11102 | HiTrap MabSelect Prisma protein A Columns 1x5mL | 1 x 5mL | 765.00 | 887.00 |
| F11104 | Protein Prep Syringe Filter diameter 30mm, pore size 0.2µm | 150 | 248.00 | 288.00 |
| F11106 | Protein Prep Syringe Filter diameter 30mm, pore size 0.45µm | 150 | 248.00 | 288.00 |
| F11108 | Protein Prep Syringe Filter diameter 13mm, pore size 0.45µm | 150 | 225.00 | 261.00 |
| F11110 | Protein Prep Syringe Filter diameter 13mm, pore size 0.2µm | 150 | 225.00 | 261.00 |



Simport Microwtube Skirted 1.5mL

Supplied in packs of 1000

| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11456 | 112.00 | 130.00 |

OVER
20%
OFF

Cleaver runVIEW Mini Blue Light Illuminator with multiSUB Gel Tanks



The runVIEW MINI uses the harmless blue LED lights to replace the aggressive UV lights, allowing you to directly view the experiment result without wearing any UV protection equipment. Perfect for use with the MINI and MIDI sized multiSUB gel tanks which can each accommodate two gel sizes.

25% OFF
list price



- ✓ Portable 470nm blue light
- ✓ Slim design fits most electrophoresis tanks
- ✓ Real time observation
- ✓ Efficient and early stage mistake detection
- ✓ Ultra-high light uniformity

| Code | Description | Gel Dims, w x l, mm | Unit Dims, l x w x h, mm | Buffer Volume, mL | Offer Price, £ | Offer Price, € |
|--------|-------------------------------------|------------------------|-----------------------------|----------------------|----------------|----------------|
| F11020 | runVIEW Mini with multiSUB MINI DUO | 70 x 70, 70 x 100 | 210 x 90 x 90 | 225 | 312.00 | 362.00 |
| F11022 | runVIEW Mini with multiSUB MIDI DUO | 70 x 100, 100 x 100 | 1250 x 220 x 90 | 300 | 336.00 | 390.00 |

ELECTROPHORESIS
solutions for the
Life Scientist



Innovation is in our DNA...

Offering a complete range of Gel Electrophoresis systems and accessories from gel preparation to documentation and analysis.

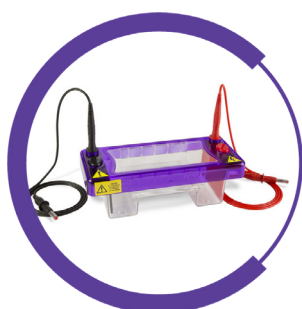
UK designed and manufactured for unrivalled quality.

Our product range includes

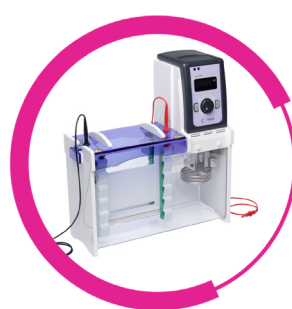
DNA electrophoresis units, protein electrophoresis units, Electroblotters, Radiation protection, Gel Documentation Equipment, Reagents and chemicals and so much more...

Innovatively designed, technically enhanced, high specification, low cost

electrophoresis equipment for the global life science research laboratory market.



Horizontal Gel Electrophoresis



VS20WAVE-DGGE



Power Supplies



www.cleaverscientific.com



01788 565300



@cleaversci

Lonza FlashGel System

Lonza

The FlashGel™ System is the fastest way to separate DNA and the only way to watch DNA migration as it happens. This revolutionary tool separates DNA in 2 - 7 minutes. Monitor gel runs right at the bench, without UV light. The highly sensitive system allows a 5 -20X reduction in DNA levels. The FlashGel™ System consists of enclosed, disposable, precast agarose gel cassettes and a combination electrophoresis and transilluminator unit. Provides both separation and detection of both DNA and RNA.

Lonza FlashGel™ System contains:

- ✓ FlashGel Dock
- ✓ FlashGel Camera
- ✓ Pack of 1.2% DNA Cassettes
- ✓ Loading dye & marker



| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11166 | 1,227.00 | 1,423.00 |

Accessories

| Code | Description | Offer Price, £ | Offer Price, € |
|--------|---|----------------|----------------|
| F11168 | FlashGel DNA Cassettes 1.2% agarose 12 + 1 well single-tier 9 pack | 100.00 | 116.00 |
| F11170 | FlashGel DNA Cassettes 1.2% 2 x 16 + 1 wells 9 pack | 100.00 | 116.00 |
| F11172 | FlashGel DNA Cassettes 2.2% 12 + 1 wells 9 pack | 100.00 | 116.00 |
| F11174 | FlashGel DNA Cassette 2.2% agarose 16 + 1 well double-tier (34-well) 9 pack | 100.00 | 116.00 |
| F11176 | FlashGel Recovery Cassettes 1.2% agarose 8 + 1 double-tier (18-well) 9 pack | 100.00 | 116.00 |
| F11178 | FlashGel Recovery Cassettes 2.2% agarose 8 + 1 double-tier (18-well) 9 pack | 100.00 | 116.00 |
| F11180 | FlashGel RNA Cassettes 1.2% agarose 12 + 1 single-tier 9 pack | 100.00 | 116.00 |
| F11182 | FlashGel RNA Cassettes 1.2% agarose 16 + 1 double-tier (34-well) 9 pack | 100.00 | 116.00 |

National Diagnostics



SPECIAL OFFER

TBE Buffer 10X Concentration for DNA/RNA Electrophoresis

SPECIAL OFFER
**40%
OFF**

| Code | Size | Offer Price, £ | Offer Price, € |
|--------|------|----------------|----------------|
| F11388 | 1L | 16.90 | 19.60 |
| F11390 | 4L | 37.00 | 42.90 |

Nebulair NS500 Dry Mist Sanitising System

1
YEAR

nebulair
infection & odour control systems

A comprehensive, independent report by the Health & Safety Laboratory (HSL) demonstrates that the Nebulair NS500 misting unit in combination with Nebusan disinfectant provides an effective and reliable alternative to formaldehyde for the decontamination of biological safety cabinets and their HEPA filters.

**20%
OFF**



FREE 2 x 1L Nebusan 7.9% Hydrogen Peroxide Air and Surface Disinfection Solution Worth £144 and 20% OFF

- ✓ Save time - it takes just 150 minutes to decontaminate a biological safety cabinet and its integral HEPA filters
- ✓ Easy to use – very limited training required
- ✓ Proven efficacy – please see the latest HSL test report on our website

Delivery not included

| Code | Dims, w x d x h, mm | Offer Price, £ | Offer Price, € |
|--------|---------------------|----------------|----------------|
| F11380 | 230 x 245 x 345 | 2,780.00 | 3,225.00 |



Bioscience Solutions

LONZA

FlashGel™ System DNA Electrophoresis and Recovery in Minutes

The FlashGel™ System, gives you great resolution and fast results. Simply load samples, watch bands migrate and get data in as little as 5 minutes. Say goodbye to gel preparation, band excision, purification, and UV light. Complete separation, recovery and documentation safely, at the bench in minutes.

Experience the Speed of the FlashGel™ System

- 5 minute separation and recovery
- Excellent band resolution
- Precast, prestained agarose gels and buffer, no need for gel preparation, buffer addition or gel staining

www.lonza.com/flashgelsystem

Branson SFX Sonifiers

SFX150 Sonifiers 3 YEARS

The SFX150 Sonifier® cell disruptor and homogeniser includes a handheld converter designed for ergonomic comfort and easy control to simplify and speed up your experiment.

- ✓ Ergonomic handheld converter with contoured grip and LED indicator
- ✓ Quiet operation at 40 kHz
- ✓ Continuous or pulsed ultrasonic
- ✓ Time and energy modes with energy pulsing
- ✓ Experiment progress indicator
- ✓ Micro Tip mode, which limits amplitude to 70%
- ✓ 150 watts output power
- ✓ Processing up to 150mL



| Code | Description | Offer Price, £ | Offer Price, € |
|--------|--|----------------|----------------|
| F11434 | Sonifier SFX150 with Handheld Converter | 2,431.00 | 2,820.00 |
| F11436 | Sonifier SFX150 with Traditional Converter | 2,615.00 | 3,033.00 |

Delivery not included

SFX250 Sonifier 3 YEARS

The SFX250 offers the simplest user interface and the most precise control over all the critical parameters of your experiment.

- ✓ Advanced control modes including time and energy modes with energy pulsing
- ✓ Continuous or pulsed ultrasonic
- ✓ Experiment progress indicator
- ✓ Micro-Tip mode, which limits amplitude to 70%
- ✓ 250 watts output power
- ✓ Processing up to 500mL



| Code | Description | Offer Price, £ | Offer Price, € |
|--------|--|----------------|----------------|
| F11438 | SFX250 Sonifier kit – with model 102-C converter, cable, disruptor horn, 2x spanner wrench and open-end wrench for micro-tip or flat-tip | 3,093.00 | 3,588.00 |

Delivery not included

SFX550 Sonifiers 3 YEARS

BRANSON

The SFX550 can process larger, viscous samples, but also provides precise control over energy output and other parameters to accommodate experiments of all sizes.

- ✓ Energy mode and energy pulsing are now available in addition to the traditional timed experiment
- ✓ Check on the progress of your experiment and view key variables such as power level, energy usage, sample temperature and more
- ✓ Continuous or pulsed ultrasonics
- ✓ Micro-Tip mode, which limits amplitude to 70%
- ✓ 550 watts output power
- ✓ Processing up to 1000mL



| Code | Description | Offer Price, £ | Offer Price, € |
|---------------|--|----------------|----------------|
| F11440 | SFX550 Sonifier kit - with model 102-C converter, cable, disruptor horn, 2x spanner wrench and open-end wrench for micro-tip or flat-tip | 3,470.00 | 4,025.00 |
| F11442 | SFX550 Sonifier kit - with model 102-C converter, cable, high gain horn, 2x spanner wrench | 3,600.00 | 4,176.00 |

Delivery not included

Accessories

| Code | Description | Offer Price, £ | Offer Price, € |
|---------------|--|----------------|----------------|
| F11444 | Stand with Rod for SFX150 SFX250 SFX550 | 69.00 | 80.00 |
| F11446 | Adapter for Sound-Proof Enclosure for Converter SFX150 | 100.00 | 116.00 |
| F11448 | Continuous Flow Glass Rosette Cooling Cell | 615.00 | 713.00 |
| F11450 | Temperature Probe for Digital SFX | 348.00 | 404.00 |
| F11452 | Sound-Proof Enclosure (requires an adaptor for SFX150) | 820.00 | 951.00 |



BradyJet J2000 Colour Label Printer

1 YEAR



Get the impactful colour labels you need to create a safer, more efficient, cost effective workplace. A compact on-demand, mid-volume inkjet solution for creating photo-quality colour labels in a single pass. Contains a J2000 printer, power cord and AC adapter, USB cable, quick start guide, ink cartridge and a material roll for print head alignment.



- ✓ 16 million colour options
- ✓ Custom identification without the high cost of outsourced printing

See website for specifications



| Code | Description | List Price, £ | List Price, € |
|---------|---|---------------|---------------|
| LAB0120 | BradyJet J2000 - UK | 1,436.00 | 1,666.00 |
| LAB0122 | BradyJet J2000 - UK with Brady Workstation LAB Suite | 1,582.00 | 1,835.00 |
| LAB0124 | BradyJet J2000 - UK with Brady Workstation SFID Suite | 1,630.00 | 1,891.00 |



SLS Select Labelling Tape

SPECIAL OFFER

20%
OFF

| Code | Description | Offer Price, £ | Offer Price, € |
|--------|-------------|----------------|----------------|
| F11464 | White | 3.50 | 4.10 |
| F11466 | Yellow | 3.50 | 4.10 |
| F11468 | Blue | 3.50 | 4.10 |
| F11470 | Green | 3.50 | 4.10 |
| F11472 | Red | 3.50 | 4.10 |
| F11474 | Orange | 3.50 | 4.10 |



Portex Tubing PVC Translucent

Supplied in 30m lengths

6mm bore, wall 1.5mm

| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11556 | 64.00 | 74.30 |

OVER
50%
OFF

SLS Lab Basics Mini Vacuum Pumps

Single-head, dry-running devices used in a wide range of laboratory applications. They transfer, compress and pump down without contamination.

- ✓ 100% oil-free transfer
- ✓ Pure transferring, evacuation and compression of gases
- ✓ PTFE coated version for slightly aggressive or corrosive gases and vapours
- ✓ Maintenance-free
- ✓ High level of gas tightness
- ✓ IP20 motor protection
- ✓ Silencer fitted to outlet port
- ✓ 6mm hosetail on inlet



Up to
40%
OFF
list price



| Code | Diaphragm Material | Delivery, L/min | Ultimate Vacuum, mbar. Abs | Offer Price, £ | Offer Price, € |
|--------|--------------------|-----------------|----------------------------|----------------|----------------|
| F11374 | EPDM Rubber | 6 | 100 | 175.00 | 203.00 |
| F11376 | PTFE Coated | 5.5 | 160 | 215.00 | 249.00 |

SLS Lab Pro Safevac Vacuum Aspiration System

1 YEAR

Safevac is designed for laboratory waste recovery and separation of liquid and solid. It 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 during operation
- ✓ Waste bottle, tubing and handle are fully autoclavable
- ✓ Lid, tubing and handle are easily disassembled for cleaning and autoclaving
- ✓ Wide range of adapters to fit tube, microplate and disk plate for various tasks

NEW

35%
OFF
list price



| Code | Vacuum Range, mbar | Aspirating Speed, mL/s | Dims, w x d x h, mm | Bottle Volume, L | Offer Price, £ | Offer Price, € |
|--------|--------------------|------------------------|---------------------|------------------|----------------|----------------|
| F11378 | 0 - 600 | 1 - 15 | 180 x 240 x 450 | 4 | 488.00 | 566.00 |

SLS Lab Pro Dual Type 1 and 2 System 10UF with 30L Storage Reservoir

1 YEAR



SLS water purification system combines ultrapure and DI water in one unit saving you money and space.

- ✓ Novel recirculation loop to save water usage and separate consumables to extend life and reduce running costs
- ✓ Variable speed motor saves energy when not in use - reducing running cost and noise
- ✓ Dispenses ultrapure water up to 2L/minute
- ✓ Type 2 deionised water dispensed at up to 10L/hour
- ✓ Small footprint w x d x h, mm, 490 x 290 x 670
- ✓ Main unit wall, bench or reservoir mounted
- ✓ Ultra-filtered versions nuclease free and endotoxin <0.001EU/mL

Whilst stocks last!

50%
OFF
list price



Please contact the sales office if you require installation

Delivery not included

| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11458 | 4,208.00 | 4,881.00 |

Orion Star Benchtop pH Meter Kits 3 YEARS

Thermo
SCIENTIFIC

Record accurate and reliable pH, mV, ORP and temperature measurements with the Thermo Scientific™ Orion™ Star A211 pH Benchtop Meter, ideal for a wide range of applications and advanced pH analysis in the lab. Perform up to a five 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 downloadable Orion™ Star Com software.



| Code | Description | Contents | Offer Price, £ | Offer Price, € |
|---------------|------------------------------------|--|----------------|----------------|
| F11492 | ROSS difficult sample meter kit | Sure-Flow glass-body pH electrode, stainless steel ATC probe | 613.00 | 711.00 |
| F11494 | Standard ROSS meter kit | Ultra Triode glass-body pH/ATC electrode | 565.00 | 655.00 |
| F11496 | Durable ROSS meter kit | Ultra Triode epoxy-body pH/ATC electrode | 568.00 | 659.00 |
| F11498 | General purpose meter kit | Triode epoxy-body pH/ATC electrode | 527.00 | 611.00 |
| F11500 | Separate pH & ATC sensor meter kit | Ultra glass-body pH electrode, stainless steel ATC probe | 584.00 | 677.00 |
| F11502 | Food & Beverage meter kit | Sure-Flow epoxy-body pH electrode, stainless steel ATC probe | 557.00 | 646.00 |

Lovibond EComparator EC 2000 2 YEARS

Provides an easy way to transition from visual measurement to accurate electronic measurement. Viewers can match the colour of the sample with the colour of the reference standard on screen or switch to a digital numeric display. The EC 2000 Pt-Co is programmed for determination of colour of water either in the laboratory or out in the field.



- ✓ Mains or battery powered
- ✓ USB connectivity to PC
- ✓ Internal storage for >20,000 results
- ✓ User definable tolerance limits and warnings

| Code | Offer Price, £ | Offer Price, € |
|---------------|----------------|-----------------|
| F11112 | 932.00 | 1,081.00 |



Lovibond Turbidity Meter TB 210 IR with Infra Red Light Source

2 YEARS



An infrared turbidity meter, the TB 210 IR is designed to allow fast, precise on-site testing. The unit complies with EN ISO 7027. The wide measuring range from 0.01-1100 TE/F = NTU = FNU makes the instrument suitable for various applications. As infrared light is used for measurement purposes, the unit can be used to test both coloured and colourless liquids.



| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11114 | 469.00 | 544.00 |

Lovibond Turbidity Meter TB 250 WL with White Light Source

2 YEARS



The TB 250 WL allows easy turbidity measurement in either the field or in the laboratory. Using a white light source and 90° detection, it meets the specifications for EPA turbidity measurement (EPA Standard 180.1). The instrument features an auto-ranging feature that automatically selects the correct turbidity range for your sample. Calibration is simple with the included standards.



| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11116 | 715.00 | 829.00 |

Jenway 74 Series Visible Scanning Spectrophotometers 3 YEARS

JENWAY

For simple photometric concentration. Calculated using a single standard or a factor, quantitation with the ability to create a calibration curve using up to 20 standards, full spectrum scanning, multi-wavelength - up to 4 wavelengths can be measured simultaneously, and kinetics to monitor the change in absorbance over time.

- ✓ CPLive technology: transfer and store data, protocols, and results to the Cloud
- ✓ 7 inch HD colour touchscreen display
- ✓ Multiple USB ports for data storage & printer connectivity
- ✓ Android operating system, also compatible with IOS devices
- ✓ 10GB on board storage
- ✓ Spectral bandwidth: 5.0nm

30% OFF
list price



| Code | Description | Wavelength Range, nm | Wavelength Accuracy, nm | Absorbance, A | Offer Price, £ | Offer Price, € |
|---------------|--------------------------------------|----------------------|-------------------------|---------------|-----------------|-----------------|
| F11160 | Jenway 7410 visible scanning | 320 to 1000 | +/-2.0 | -0.3 to 2.5 | 1,966.00 | 2,281.00 |
| F11162 | Jenway 7415 UV/visible scanning | 198 to 1000 | +/-2.0 | -0.3 to 2.5 | 2,621.00 | 3,040.00 |
| F11164 | Jenway 7415 Nano UV/visible scanning | 198 to 1000 | +/-2.0 | 15 to 125 | 3,709.00 | 4,302.00 |

Delivery not included

OPTi Digital Hand Held Refractometers 1 YEAR

BS Bellingham + Stanley

a xylem brand

The OPTi refractometer may be used to control the dissolved solids or blend ratios of numerous products from fresh fruit to industrial chemicals.

- ✓ Robust construction
- ✓ Water resistant (IP65)
- ✓ Made in the UK



25% OFF
list price

| Code | Type | Scale | Range | Resolution | Accuracy | ATC | Offer Price, £ | Offer Price, € |
|---------------|---------------|-----------------------|-----------|------------|----------|------|----------------|----------------|
| F11308 | Brix 54 | Sugar % (°Brix) | 0-54 | 0.1 | ±0.2 | Bx | 188.00 | 218.00 |
| F11310 | Hi Brix 40-95 | Sugar % (°Brix) | 40-95 | 0.1 | ±0.2 | Bx | 188.00 | 218.00 |
| F11312 | Brix 95+ | Sugar % (°Brix) | 0-95 | 0.1 | ±0.2 | Bx | 356.00 | 413.00 |
| F11314 | RI 1.42 | Refractive Index (RI) | 1.33-1.42 | 0.0001 | ±0.0003 | Bx | 188.00 | 218.00 |
| F11316 | RI 1.54+ | Refractive Index (RI) | 1.33-1.54 | 0.0001 | ±0.0003 | Bx | 356.00 | 413.00 |
| F11318 | Saline 28 | Salinity (% NaCl) | 0-28 | 0.1 | ±0.2 | NaCl | 188.00 | 218.00 |

SI Analytics Titroline 5000 Titrator 2 YEARS

SI Analytics

a xylem brand

Compact and automatic volumetric titrator for simple routine titrations. With pre-installed methods it is ideal for food and water/wastewater/ environmental analysis applications. Basic unit without magnetic stirrer, without stand rod, without titration clamp and without electrode. Supplied with 20mL dosing unit TZ 3130 with tubes, screw threads and titration tip, and external power supply 100-240 V.

- ✓ High resolution pH/mV measurement input for pH, ORP, solver and other mV electrodes
- ✓ Pt1000 and NCT 30 temperature measurement input for temperature compensation
- ✓ Linear and dynamic titration to equivalence points and pH/mV end points
- ✓ Manual titration and dosing functionality as per TITRONIC® 300

15% OFF
list price



| Code | Inter-changeable Burette, mL | Dosing Speed | Filling Speed | Measurement Range, pH | Burette Resolution | Dosing Accuracy | User Method Capacity | Offer Price, £ | Offer Price, € |
|---------------|------------------------------|-------------------------------|-------------------------------------|-----------------------|--------------------|---------------------------------|----------------------|-----------------|-----------------|
| F11306 | 20 and 50 | max. 100mL/min with 50mL unit | min. 30 sec. to 999 sec. adjustment | -3.0 to 17.00 | 8000 | 0.15% accuracy, 0.05% precision | 15 | 1,819.00 | 2,110.00 |

Stuart SMP10 Melting Point Apparatus 3 YEARS

Designed with safety and ease of operation in mind making it ideal for educational use. The temperature is selected, measured and displayed digitally. Two samples can be tested simultaneously, and are viewed via a magnifying lens with built in illumination. Temperature range from ambient to 300°C, temperature resolution 1°C. With BioCote™ antimicrobial protection.

30% OFF
list price



| Code | Offer Price, £ | Offer Price, € |
|---------------|----------------|----------------|
| F11156 | 454.00 | 527.00 |

Stuart SMP50 Automatic Melting Point 3 YEARS



The latest digital camera technology is employed to produce a high resolution video of the sample melt. This allows the intelligent melt algorithm to identify the smallest of changes within the sample, accurately and reliably determining the melting point of up to three samples simultaneously.

- ✓ Custom designed user interface for intuitive setup and navigation
- ✓ All operation is via the 7 inch high definition colour touchscreen
- ✓ 8GB on board storage is included, which should hold approximately 300 melts files including videos
- ✓ Results can be transferred via USB stick on to PC for a more permanent long term record. All video files include a temperature stamp

30% OFF
list price



| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11158 | 2,682.00 | 3,111.00 |

Delivery not included

Ebro Infrared Thermometer 2 YEARS

-ebro-
a xylem brand

The bright background lighting of the display makes it possible to read the measured values even in the dark. The antislip handle and trigger for the measurement are optimal for the application.

- ✓ Measurement area perfectly marked due to circular laser pointer
- ✓ Distance: spot ratio = 12:1

15% OFF
list price



| Code | Measuring Range, °C | Accuracy, °C | Offer Price, £ | Offer Price, € |
|--------|---------------------|--|----------------|----------------|
| F11302 | -60°C to +550°C | ±2°C + 0.05°C per °C below 0°C (at -60°C to 0°C) ±2°C (at 0°C to +15°C) ±1.5°C (at +15°C to +35°C) ±2°C (at +35°C to +550°C) | 38.00 | 44.00 |

Ebro Core Thermometer



-ebro-
a xylem brand

- ✓ Very large display with big numbers for easy reading
- ✓ Replaceable battery
- ✓ Fast measurements, high accuracy
- ✓ Robust and impact resistant
- ✓ Water resistant - IP65



| Code | Measuring Range, °C | Accuracy, °C | Offer Price, £ | Offer Price, € |
|--------|---------------------|-----------------------------------|----------------|----------------|
| F11304 | -30°C to +199.9°C | +25°C ±0.5°C (at -30°C to +100°C) | 52.00 | 60.30 |

Enigma Steam Sterilisers

A range of modern steam sterilisers.



Excel
Healthcare



- ✓ Fully comply with MDD 93/42/EEC, BS EN13060 (small sterilisers) HTM 2010-01-05, 97/23/EC "SEP" pressure equipment directive
- ✓ In-built independent steam generator provides readily available steam for faster sterilisation cycles
- ✓ Fully automated programmes with pre-programmed sterilisation cycles including testing cycles
- ✓ LCD screen displays continuous information on each cycle's progress giving relevant updates to the user
- ✓ Come with an external micro printer and a USB download facility



| Code | Volume, L | Vacuum Chamber | No. of Trays | Ext Dims, w x d x h, mm | Int Dims, Ø x L, mm | List Price, £ | List Price, € |
|---------|-----------|----------------|--------------|-------------------------|---------------------|---------------|---------------|
| AUT3016 | 8 | N | 2 | 350 x 500 x 330 | 170 x 320 | 1,333.00 | 1,546.00 |
| AUT3018 | 17 | N | 3 | 460 x 590 x 450 | 250 x 350 | 1,933.33 | 2,243.00 |
| AUT3020 | 22 | Y | 3 | 460 x 450 x 670 | 250 x 450 | 3,998.66 | 4,638.00 |

Delivery not included

Eppendorf NBS Shaker Incubators - with Free Platform

2
YEARS

eppendorf

These units offer the NBS heavy duty triple eccentric drive providing uniform motion and superb reliability. Innova® 44/44R shakers can be stacked up to 3 high and Innova® 42/42R shakers can be stacked up to 2 high. 42/42R models have been designed to use with a maximum flask size of 4L, whereas 44/44R models can accommodate 5L flasks.

- ✓ Audible and visual alarms
- ✓ Operate at 25-400RPM
- ✓ Timer (0-99.9 hrs) with continuous operation or automatic shut off at the end of the study
- ✓ Temperature range is from 5°C above ambient to 80°C. Refrigerated version offers a temperature range of 20°C below ambient to 80°C (minimum set point is 4°C)



| Code | Description | Offer Price, £ | Offer Price, € |
|--------|--|----------------|----------------|
| F11528 | Innova 44 25mm orbit with universal platform | 9,297.00 | 10,785.00 |
| F11530 | Innova 44 51mm orbit with platform for 60 x 125mL flasks | 9,297.00 | 10,785.00 |
| F11532 | Innova 44R with refrigeration 25mm orbit with platform for 40 x 250mL flasks | 11,434.00 | 13,263.00 |
| F11534 | Innova 44R with refrigeration 51mm orbit with platform for 24 x 500mL flasks | 11,434.00 | 13,263.00 |
| F11536 | Innova 42 19mm orbit with universal platform | 6,613.00 | 7,671.00 |
| F11538 | Innova 42 25mm orbit with platform for 60 x 125mL flasks | 6,613.00 | 7,671.00 |
| F11540 | Innova 42R with refrigeration 19mm orbit with universal platform | 7,510.00 | 8,712.00 |
| F11542 | Innova 42R with refrigeration 25mm orbit with sticky mat platform | 7,510.00 | 8,712.00 |

Delivery not included



SLS Select Autoclave Tape

Supplied in singles

| Code | Description | Offer Price, £ | Offer Price, € |
|--------|-------------|----------------|----------------|
| F11460 | 19mm x 50m | 3.60 | 4.20 |
| F11462 | 24mm x 50m | 3.60 | 4.20 |

SPECIAL
OFFER

Improve your
cell culture now



Culture of Tomorrow

The new CellXpert® C170i CO₂ Incubator

Are you looking for a 170 L class CO₂ incubator that provides flexibility for the future, makes monitoring and documentation easy, and provides optimized growth conditions, even for your sensitive cells? An incubator that also saves money and is produced to the highest standards of quality? Let us introduce CellXpert – a new family of Eppendorf CO₂ incubators.

- > Stay flexible and upgrade your device later (e.g., O₂ control)
- > Fast temperature and CO₂ recovery in less than 5 minutes without overshoot
- > Up to 25 % more usable space, easy cleaning, vibration and turbulence protection with fan-less design



www.eppendorf.com/CellXpert

Eppendorf CellXpert C170i CO₂ Incubator

5 YEARS

eppendorf

CellXpert C170i CO₂ ensures the reproducibility of experiments by minimising atmospheric fluctuations inside the incubator. CellXpert incubators have fast feedback sensors, advanced microprocessor control of gas inlet valves, and individually-controlled heating circuits in every wall (6-sided direct heating). The intuitive touch screen user interface ensures control over setting of parameters, monitoring, and documentation. The 180°C High temperature disinfectant that comes as standard ensures a high level of contamination protection.

- ✓ Easy access USB ports for fast data export and documentation
- ✓ Robust handle design for comfortable, low stress door opening

Delivery not included



| Code | Description | List Price, £ | List Price, € |
|-------------|---|---------------|---------------|
| E6731000012 | C170i CO ₂ incubator touch screen right side handle | 7,656.00 | 8,881.00 |
| E6731000022 | C170i CO ₂ incubator touch screen left side handle | 7,656.00 | 8,881.00 |
| E6731000512 | C170i CO ₂ incubator touch screen right side handle - copper | 10,670.00 | 12,377.00 |
| E6731000522 | C170i CO ₂ incubator touch screen left side handle - copper | 10,670.00 | 12,377.00 |

Eppendorf CellXpert C170 CO₂ Incubator

5 YEARS

eppendorf

CellXpert C170 is an economical version of the C170i with the same level of reliability, quality and capacity. Featuring most of the enhanced benefits of the C170i, but without some of the more complex and specialised features demanded by C170i users.

- ✓ Fan-less design for increased capacity, lower operating costs, and less opportunity for contamination
- ✓ 140°C High Temperature Disinfection (HTD)
- ✓ Seamless, stainless-steel interior to minimise possible points of contamination
- ✓ Perforated and reinforced 1.5mm stainless steel shelves
- ✓ Ethernet port for data export
- ✓ Dual-channel Infrared (IR) CO₂-sensor
- ✓ Intuitive user interface
- ✓ Easy-to-open magnetic latches on inner door

Delivery not included



| Code | Description | List Price, £ | List Price, € |
|-------------|---|---------------|---------------|
| E6734000012 | C170 CO ₂ incubator standard display right side handle | 6,525.00 | 7,569.00 |

Thermo Scientific Forma Steri-Cycle CO₂ Incubator 184L 2 YEARS

Thermo
SCIENTIFIC

184L incubators offer the reliability of direct heat, with a unique in chamber HEPA air filtration and an on-demand 140°C high temperature sterilisation cycle. Forma Steri-Cycle CO₂ incubators with a TC CO₂ sensor and coved corners are easy to use and ideal for those applications requiring complete contamination control.

Delivery not included

- ✓ Polished stainless steel interior, sturdy shelves and easily removed supports for ease of cleaning
- ✓ Enviro-Scan® microprocessor control and message centre allows one button activation of the sterilisation programme

45%
OFF
list price



| Code | Description | Offer Price, £ | Offer Price, € |
|--------|--|----------------|----------------|
| F11490 | Steri-cycle 184L CO ₂ incubator right side handle | 4,855.00 | 5,632.00 |

LMS Series 2 Cooled Incubators

2 YEARS

LMS

A reliable and accurate temperature controlled cabinet (-10°C to +50°C). The design of the purpose built incubator facilitates the addition of optional extras to provide greater flexibility for individual use.

- ✓ Digital control with digital readout
- ✓ Fan assisted air circulation
- ✓ Full P.I.D. heating control to ensure stable internal temperature
- ✓ Pre-set 70°C safety cut out for total cabinet protection
- ✓ Hermetically sealed refrigeration system

**15%
OFF
list price**

Delivery not included



| Code | Capacity, L | No. of Shelves | Ext. Dims, w x d x h, mm | Offer Price, £ | Offer Price, € |
|---------------|-------------|----------------|-----------------------------|----------------|----------------|
| F11184 | 135 | 3 | 600 x 600 x 945 | 1,925.00 | 2,233.00 |
| F11186 | 200 | 4 | 600 x 600 x 1300 | 2,270.00 | 2,633.00 |
| F11188 | 290 | 5 | 600 x 600 x 1670 | 2,486.00 | 2,884.00 |
| F11190 | 420 | 5 | 750 x 740 x 1600 | 2,737.00 | 3,175.00 |

Liebherr™ Upright Freezer with 14 Solid Drawers

2 YEARS

LIEBHERR
Quality, Design and Innovation

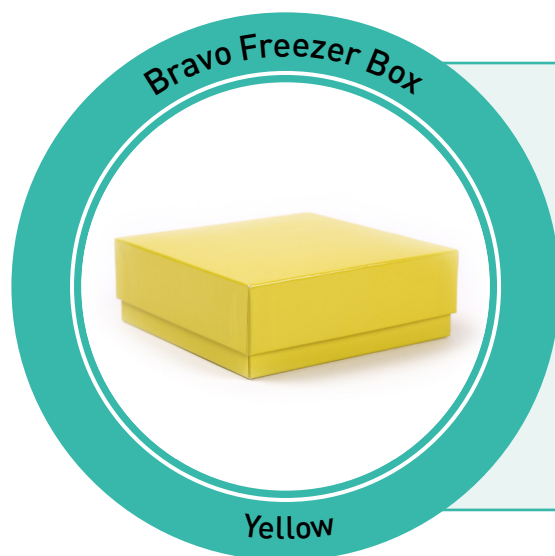
Designed for optimum storage of frozen materials and samples. Easy to use controller with a digital display for maintaining stable temperatures.

- ✓ Visual and audible alarm
- ✓ Static cooling
- ✓ Manual defrost
- ✓ Temperature range, °C -14 to -28
- ✓ Digital controller
- ✓ 14 x solid drawers
- ✓ 513L capacity
- ✓ Dims, w x d x h, mm: 750 x 750 x 1864

20% OFF
list price



| Code | Description | Offer Price, £ | Offer Price, € |
|--------|--|----------------|----------------|
| F11286 | GG5210-740 Upright Freezer with 7 shelves / 14 solid drawers | 979.00 | 1,136.00 |



Bravo Freezer Box and Divider Grids

Supplied in singles

| Code | Description | Offer Price, £ | Offer Price, € |
|--------|-----------------------------|----------------|----------------|
| F11484 | Box 50 x 133mm Yellow | 0.85 | 0.99 |
| F11486 | Divider Grid 10 x 10 x 12mm | 0.80 | 0.93 |
| F11488 | Divider Grid 9 x 9 x 13mm | 0.80 | 0.93 |

SPECIAL OFFER



Corning CoolCell LX Freezing Container

12 x 1mL or 2mL cryogenic vials

| Code | Offer Price, £ | Offer Price, € |
|--------|----------------|----------------|
| F11192 | 120.00 | 139.00 |

OVER
15%
OFF

Taylor Wharton LS Series 2 YEARS

Uniquely designed for large vial capacity in convenient box-type storage racks. The LS3000, LS4800 and LS6000 are available with controllers which provide automatic filling and alarm features. Controllers are a factory fitted option. Retrofitting is not possible.

- ✓ Dual benefit of large sample capacity and exceptionally low evaporation rates
- ✓ Rack system index location ring and internal spider allows easy location and quick retrieval of samples
- ✓ LS3000, LS4800, LS6000 hold vial boxes in 10 x 10 matrix
- ✓ All units supplied complete with racks

Delivery not included

WORTHINGTON
INDUSTRIES

CRYOSCience by Taylor-Wharton®

15%
OFF
offer!

Plus FREE
Face Shield
(worth £80)



| Code | Model | LN ₂ Capacity, L | Offer Price, £ | Offer Price, € |
|--------|--------|-----------------------------|----------------|----------------|
| F11594 | LS3000 | 81 | 2,766.00 | 3,209.00 |
| F11596 | LS4800 | 130 | 3,122.00 | 3,622.00 |
| F11598 | LS6000 | 165 | 3,439.00 | 3,990.00 |



CORNING

Break the 3D barrier Get there fast with Corning.

Are you just getting started in 3D cell culture? Looking for proven ways to scale up? Or making the move to high throughput screening? Whatever your challenge, Corning can help you break through the barriers to create more *in vivo*-like environments and predictive models. For more than 25 years, Corning has delivered innovations that have advanced the science of 3D cell culture. We pioneered the development of novel tools providing easier access to *in vivo*-like 3D models, such as **Corning® spheroid microplate, Corning® Matrigel® matrix and Transwell® permeable supports**, and we continue to support you with a diverse and evolving portfolio of innovative 3D cell culture products, solutions, protocols, and expertise. Corning is committed to working with you in critical areas like cancer biology, tissue engineering, and regenerative medicine – to help you bring safe, effective drugs and therapies to market in less time with greater certainty. Find out how Corning can help you conduct more biologically relevant research and better predict how your next discovery will behave in the real world.

VESSELS SURFACES MEDIA

CORNING 3D CELL CULTURE

© 2018 Corning Incorporated. All Rights Reserved.

Visit [corning.com/3D](https://www.corning.com/3D) to learn more.

Eppendorf CryoCube F740h Series



eppendorf

Combining the high-quality tradition of Eppendorf's previous freezers with an increased capacity. All units are available with 3 or 5 compartments. The 3-compartment unit has a fixed lower shelf and two removable shelves. The 5-compartment unit has a fixed lower shelf and 4 removable shelves. The CryoCube F740h is the green flagship - by using hydrocarbon-based cooling liquids (R290/ R170), the power consumption is further reduced compared to classic cooling systems.

- ✓ Dims Ext, w x d x h, cm – 109.9 x 91.5 x 197.3
(add 65cm to height for optional CO₂/LN₂ backup)
- ✓ Dims Int, w x d x h, cm – 86.5 x 62.1 x 139
- ✓ Energy consumption 11.8kWh/24hrs
- ✓ Green cooling by hydrocarbon refrigerants



| Code | Inner Compartments | Handle Position | Description | List Price, £ | List Price, € |
|----------------|--------------------|-----------------|---|---------------|---------------|
| FRE3804 | 3 | Left | Air-cooled | 14,319.00 | 16,610.00 |
| FRE3806 | 3 | Right | Air-cooled | 15,046.00 | 17,454.00 |
| FRE3808 | 5 | Left | Air-cooled | 14,319.00 | 16,610.00 |
| FRE3810 | 5 | Right | Air-cooled | 15,046.00 | 17,454.00 |
| FRE3812 | 3 | Left | Air-cooled with Chart Recorder | 15,394.00 | 17,857.00 |
| FRE3814 | 3 | Right | Air-cooled with Chart Recorder | 16,121.00 | 18,700.00 |
| FRE3816 | 5 | Left | Air-cooled with Chart Recorder | 15,394.00 | 17,857.00 |
| FRE3818 | 5 | Right | Air-cooled with Chart Recorder | 16,121.00 | 18,700.00 |
| FRE3820 | 3 | Left | Air-cooled with CO ₂ -backup | 15,916.00 | 18,463.00 |
| FRE3822 | 3 | Right | Air-cooled with CO ₂ -backup | 16,643.00 | 19,306.00 |
| FRE3824 | 5 | Left | Air-cooled with CO ₂ -backup | 15,916.00 | 18,463.00 |
| FRE3826 | 5 | Right | Air-cooled with CO ₂ -backup | 16,643.00 | 19,306.00 |
| FRE3828 | 3 | Left | Air-cooled with LN ₂ -backup | 15,916.00 | 18,463.00 |
| FRE3830 | 3 | Right | Air-cooled with LN ₂ -backup | 16,643.00 | 19,306.00 |
| FRE3832 | 5 | Left | Air-cooled with LN ₂ -backup | 15,916.00 | 18,463.00 |
| FRE3834 | 5 | Right | Air-cooled with LN ₂ -backup | 16,643.00 | 19,306.00 |
| FRE3836 | 3 | Left | Air-cooled with Chart Recorder with CO ₂ -backup | 16,991.00 | 19,710.00 |
| FRE3838 | 3 | Right | Air-cooled with Chart Recorder with CO ₂ -backup | 17,717.00 | 20,552.00 |
| FRE3840 | 5 | Left | Air-cooled with Chart Recorder with CO ₂ -backup | 16,991.00 | 19,710.00 |
| FRE3842 | 5 | Right | Air-cooled with Chart Recorder with CO ₂ -backup | 17,717.00 | 20,552.00 |
| FRE3844 | 3 | Left | Air-cooled with Chart Recorder with LN ₂ -backup | 16,991.00 | 19,710.00 |
| FRE3846 | 3 | Right | Air-cooled with Chart Recorder with LN ₂ -backup | 17,717.00 | 20,552.00 |
| FRE3848 | 5 | Left | Air-cooled with Chart Recorder with LN ₂ -backup | 16,991.00 | 19,710.00 |
| FRE3850 | 5 | Right | Air-cooled with Chart Recorder with LN ₂ -backup | 17,717.00 | 20,552.00 |

Delivery not included

Haier Biomedical ULT Freezers

Energy Efficient - the hydrocarbon (HC) refrigeration technology saves energy by 50%, significantly reducing the running costs of the freezer, when compared to HFC refrigerants. Reliable with maximum temperature stability - high performance VIP insulation and triple door gaskets minimises heat loss and guarantees slower warm up times in the event of a power failure. Safe and secure - microprocessor controller with multiple alarms and a USB port to enable users to download historical temperature data. A lockable handle with unique key prevents other users accessing your samples.

TwinCool ULT Freezer -80°C



- ✓ Independent dual cascade refrigeration systems operate separately or together dependent on the load demands. One system can maintain -80°C in the event of the others failure
- ✓ Takes only 3 hours to cool from +25 ambient to -80°C
- ✓ Maximum energy efficiency, 12Kwh/day

***Free sited delivery**



*Subject to site survey - standard sited delivery only.
If there is a requirement for specialist delivery this will be quoted separately.



| Code | Capacity, L | Dims, w x d x h, mm | Offer Price, £ | Offer Price, € |
|--------|-------------|---------------------|----------------|----------------|
| F11118 | 578 | 895 x 998 x 1980 | 7,002.00 | 8,123.00 |

Salvum Ultimate Frequency Conversion Ultra Energy Efficient ULT Freezer -86°C



- ✓ The Smart Frequency technology coupled with an efficient HC refrigeration system reduces energy consumption to just 8.2kWh/hr for the 829L model, representing substantial energy savings compared to standard ULTs
- ✓ The intelligent adaptive control follows user patterns and adjusts refrigeration system to substantially reduce energy without compromising performance

***Free sited delivery**



*Subject to site survey - standard sited delivery only.
If there is a requirement for specialist delivery this will be quoted separately.



| Code | Capacity, L | Dims, w x d x h, mm | Offer Price, £ | Offer Price, € |
|--------|-------------|---------------------|----------------|----------------|
| F11120 | 829 | 1145 x 998 x 1980 | 8,308.00 | 9,637.00 |

SHIELDskin Gloves with twinSHIELD™ Technology



- ✓ Dual-layered (nitrile and polychloroprene)
- ✓ Powder-free
- ✓ Orange gloves are accelerator-free
- ✓ Virus and micro-organism resistant
- ✓ Non-sterile

Save up to
60%



F11392
General Risk

F11412
Chemical
Risk

F11402
Biological Risk

ecoSHIELD Green Nitrile Gloves (62 512)

Supplied in packs of 150

| Code | Description | Offer Price, £ | Offer Price, € |
|--------|-------------|----------------|----------------|
| F11392 | XS | 7.90 | 9.20 |
| F11394 | S | 7.90 | 9.20 |
| F11396 | M | 7.90 | 9.20 |
| F11398 | L | 7.90 | 9.20 |
| F11400 | XL | 7.90 | 9.20 |

SHIELDskin Orange Nitrile 260 Gloves (67 623)

Supplied in packs of 90

| Code | Description | Offer Price, £ | Offer Price, € |
|--------|-------------|----------------|----------------|
| F11402 | XS | 9.70 | 11.30 |
| F11404 | S | 9.70 | 11.30 |
| F11406 | M | 9.70 | 11.30 |
| F11408 | L | 9.70 | 11.30 |
| F11410 | XL | 9.70 | 11.30 |

SHIELDskin Chem Red Neo Nitrile 300 Gloves (66 925)

Supplied in packs of 40

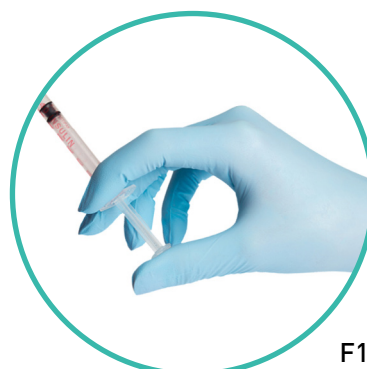
| Code | Description | Offer Price, £ | Offer Price, € |
|--------|-------------|----------------|----------------|
| F11412 | XS | 14.30 | 16.60 |
| F11414 | S | 14.30 | 16.60 |
| F11416 | M | 14.30 | 16.60 |
| F11418 | L | 14.30 | 16.60 |
| F11420 | XL | 14.30 | 16.60 |
| F11422 | XXL | 14.30 | 16.60 |

duoSHIELD Ice Nitrile 240 Gloves (65 5125)

- ✓ Medical exam glove, powder-free
- ✓ Class 1 MDD glove (Council Directive 93/42/EEC)
- ✓ 240mm/0.11mm (EN 455-2:2015)
- ✓ AQL 1.5 (EN 455-1:2000)
- ✓ Viral penetration test (ASTM F1671-97b)
- ✓ For incidental exposure to chemical splashes (EN 374-3:1994)
- ✓ Type I hypersensitivity eliminated - Type IV hypersensitivity reduced

Supplied in packs of 100

| Code | Description | Offer Price, £ | Offer Price, € |
|--------|-------------|----------------|----------------|
| F11424 | XS | 6.40 | 7.40 |
| F11426 | S | 6.40 | 7.40 |
| F11428 | M | 6.40 | 7.40 |
| F11430 | L | 6.40 | 7.40 |
| F11432 | XL | 6.40 | 7.40 |



F11424

Red
Chemical
risk

Green
General
risk

Orange
Biological
risk

| Chemical name | CAS n° | Concentration | SHIELDskin CHEM™ NEO NITRILE™ 300 | SHIELDskin™ ORANGE NITRILE™ 260 | ecoSHIELD™ Eco Nitrile PF 250 |
|--|-----------|---------------|--------------------------------------|------------------------------------|----------------------------------|
| Thickness (Palm) | | | 0.25 mm | 0.14 mm | 0.10 mm |
| Sodium acetate Sat. solution | 127-09-3 | 100% | 480 min | 480 min | 480 min |
| Acetic Acid | 64-19-7 | 100% | 90 min | 8 min | 4 min |
| Hydrochloric Acid | 7647-01-0 | 37% | 480 min | 130 min | 65 min |
| Formic Acid | 64-18-6 | 98-100% | 125 min | 4 min | 3 min |
| Acrylamide | 79-06-1 | 40% | 480 min | 480 min | 480 min |
| Secondary isoamyl alcohol 98% | 598-75-4 | 100% | 480 min | 55 min | 30 min |
| Ethidium Bromide | 1239-45 | 5% | 480 min | 480 min | 480 min |
| Chloroform | 67-66-3 | 99,80% | 4 min | 0 min | 0 min |
| Dimethyl Formamide (DMF) | 68-12-2 | 99% | 9 min | 4 min | 1 min |
| Dimethyl Sulfoxide (DMSO) | 67-68-5 | 99% | 179 min | 48 min | 10 min |
| Ethanol | 64-17-5 | 100% | 154 min | 11 min | 9 min |
| Formaldehyde | 50-0-07 | 37% | 480 min | 480 min | 480 min |
| Formamide | 75-12-7 | 100% | 123 min | 97 min | 9 min |
| Isobutanol | 78-83-1 | 100% | 480 min | 76 min | 39 min |
| Isopropanol | 67-63-0 | 100% | 480 min | 46 min | 33 min |
| Methanol | 67-56-1 | 99,90% | 54 min | 5 min | 0 min |
| Phenol | 108-95-2 | 50% | 163 min | 23 min | 15 min |
| Sodium Hydroxide | 1310-73-2 | 50% | 480 min | 480 min | 480 min |
| Tris (hydroxymethyl) aminomethane Sat. solution | 77-86-1 | 100% | 480 min | 480 min | 480 min |

A vertical advertisement for NITILE™ gloves. The background features three overlapping circles in red, orange, and green. Three hands wearing corresponding colored gloves are shown holding laboratory glassware containing a blue liquid. The red glove holds an Erlenmeyer flask, the orange glove holds a beaker, and the green glove holds a small vial. The text on the right side of the image reads: "protection, primarily in the high technology & laboratory sectors. Its brands duoSHELD™, eoSHELD™, SHIELDskin™, SHIELDskin CHEM™, SHIELDskin XTREME™ achieve this through expanding expectations in SHIELD Scientific as well as ORANGE NITILE™, the COLOUR ORANGE™, RED NITILE™, twoSHIELD™ technology and Skin Nitile™. © 2016 Copyright SHIELD Scientific B.V. - All rights reserved."



- Double-layered = reduced risk of pinholes.
- Stronger = better protection.
- 2 colours: red, orange or green exterior to make it easier to select according to the risk and a soft and comfortable white interior.

- Breakthrough occurs when a permeation rate of 1 µg/cm²/min is noted.
- The test temperature is 23°C (=/-1°C).
- Test results must be within 20% of the mean average of the three glove samples tested. The lowest score is reported.

PPE CAT. III



ANALAB IRELAND PRESENTS

FOCUS

EXCLUSIVE OFFERS & EXCITING NEW PRODUCTS

See page 21...

Up to
20%
OFF
list price

Olympus CKX53 Inverted Microscope Packages

Simple to operate, minimal optical
adjustments required, captures the
best possible observation images,
outstanding efficiency.



SPRING EDITION

Analab Northern Ireland
Rathdown Close
Lissue Industrial Estate West
Lisburn, Co. Antrim
BT28 2RB

t. (Lisburn) 028 9262 1100
t. (Dublin) 01 4069 464

www.analab.co.uk or www.analab.ie