

Medical Supply Company Equipment Special

2017



Email info@medical-supply.ie for
Maintenance Contracts, Spare Parts,
IQOQ and General Equipment Repairs

MSC Service Department can keep your
equipment running safely and as per
specifications



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Offer valid until 15/07/2017

REMOTE MONITORING

Monitor temperature, humidity, Gas, Oxygen, CO₂, Door opening, Kw/h.

Tutela Genesis II is our most evolved wireless monitoring system for scientific and medical inventory yet and, being web-based, offers truly 'plug and play' compatibility, scalability and secure web access.



- Designed specifically for the Life Sciences
- Web-based technology brings significant benefits
- No on-site PC hardware and software to manage/validate
- Intuitive web interfaces
- No hidden software upgrade fees
- Tutela is listed on the NHS Supply Chain
- Tutela is the only Supply Chain provider of monitoring systems with N3 Cloud Integration

Please email info@medical-supply.ie to discuss your requirements with one of our representatives



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HTL Optipette



Key Features

- Low pipetting forces
- Highly durable shaft/ semi-autoclavable
- UV resistant
- Self-calibration kit included

Code	Product	Offer Price
5601	OP2 (0.1-2ul)	€82
5602	OP10 (0.5-10ul)	€82
5603	OP20 (2-20ul)	€82
5604	OP100 (10-100ul)	€82
5605	OP200 (20-200ul)	€82
5606	OP1000 (100-1000ul)	€82
5608	OP5000 (1000-5000ul)	€82
5609	OP10000 (1000-10000ul)	€82
7912	Starter Pack: OP10, OP20, OP200, OP1000 + Stand	€315

HTL Labmate Pro



Key Features

- Dual volume adjustment
- Self-calibration kit included
- Ultra Low Pipetting Forces
- Fully autoclavable

Code	Product	Offer Price
5661	LMP2 (0.1-2ul)	€99
5662	LMP10 (0.5-10ul)	€99
5663	LMP20 (2-20ul)	€99
5664	LMP100 (10-100ul)	€99
5665	LMP200 (20-200ul)	€99
5666	LMP1000 (100-1000ul)	€99
5668	LMP5000 (1000-5000ul)	€99
5669	LMP10000 (1000-10000ul)	€99
7905	Starter Pack: LMP10, LMP20, LMP200, LMP1000 + Stand	€399

HTL Discovery Pro



Key Features

- 4-digit counter
- Self-calibration kit included
- Volume locking system
- Ultra-light weight
- Fully autoclavable

Code	Product	Offer Price
6001	DP2 (0.1-2ul)	€125
6002	DP10 (0.5-10ul)	€125
6003	DP20 (2-20ul)	€125
6004	DP100 (10-100ul)	€125
6005	DP200 (20-200ul)	€125
6006	DP1000 (100-1000ul)	€125
7903	Starter Pack: DP10, DP20, DP200, DP1000 + Stand	€495

HTL Swiftpet Pro Pipette Controller



Key Features

- Protected by exchangeable, autoclavable filter
- Supplied with charging stand
- Easily purchase replacement batteries at local shop!

Code	Product	Offer Price
390	Swiftpet Pro Pipette Controller (incl. charging stand)	€185

HTL AND LABNET LIQUID HANDLING - ELECTRONIC AND MULTICHANNEL OPTIONS



Code	Product	Offer €
6281	LMP8-10 8-Channel Pipette (0.5-10ul)	€349
6282	LMP8-50 8-Channel Pipette (5-50ul)	€349
6283	LMP8-200 8-Channel Pipette (20-200ul)	€349
6284	LMP8-300 8-Channel Pipette (50-300ul)	€349
6285	LMP12-10	€389
6286	LMP12-50 12-Channel Pipette (5-50ul)	€389
6287	LMP12-200 12-Channel Pipette (20-200ul)	€389
6288	LMP12-300 12-Channel Pipette (50-300ul)	€389

Features

- 8 and 12-channel options
- Dual Volume Adjustment
- Low pipetting forces
- Light weight
- Self-calibration kit included
- Fully autoclavable

HTL Labmate Pro Multichannel Pipettes



Code	Product	Offer €
4951	DP8-10 8-Channel Pipette (0.5-10ul)	€365
4952	DP8-50 8-Channel Pipette (5-50ul)	€365
4953	DP8-200 8-Channel Pipette (20-200ul)	€365
4954	DP8-300 8-Channel Pipette (50-300ul)	€365
4955	DP12-10 12-Channel Pipette (0.5-10ul)	€395
4956	DP12-50 12-Channel Pipette (5-50ul)	€395
4957	DP12-200 12-Channel Pipette (20-200ul)	€395
4958	DP12-300 12-Channel Pipette (50-300ul)	€395

Features

- 8 and 12-channel options
- Super low pipetting forces
- Ultra light weight
- 4-digit counter
- Self-calibration kit included
- Fully autoclavable

HTL Discovery Pro Multichannel Pipettes



Labnet Excel Electronic Pipettes



Key Features

- Fully Motorised Piston Drive
- Multifunctional with Six Operational Modes
- Virtually Eliminates Pipetting Force
- Exceptional Accuracy and Precision

Code	Product	Offer €
SINGLE CHANNEL		
P3600L-10-	Electronic Pipette, 0.5 to 10ul, single channel	€299
P3600L-20-	Electronic Pipette, 2 to 20ul, single channel	€299
P3600L-200-	Excel Electronic Pipette, 10 to 200ul, single channel	€299
P3600L-1200-	Electronic Pipette, 100 to 1200ul, single channel	€299
8 CHANNEL		
P3608L-10-	Excel Electronic Pipette, 0.5 to 10ul, 8 channel	€599
P3608L-20-	Excel Electronic Pipette 2 to 20 µl, 8 channel	€599
P3608L-200-	Excel Electronic Pipette, 10 to 200ul, 8 channel	€599
P3608L-1200-	Excel Electronic Pipette 100 to 1200ul, 8 channel	€599
12 CHANNEL		
P3612L-10-	Excel Electronic Pipette, 0.5 to 10ul, 12-channel	€699
P3612L-20-	Excel Electronic Pipette, 2 to 20 µl, 12 channel	€699
P3612L-200-	Excel Electronic Pipette, 10 to 200ul 12-channel	€699
P3612L-1200-	Excel Electronic Pipette, 100 to 1200ul, 12-channel	€699

Haier -86°C ULT Freezers

World leading capacity and energy efficiency

Key Features

- Store up to 60,000 samples
- World's lowest energy consumption ULTs – save up to €1,300/yr on electricity versus competitors on J models
- Small footprint on Slimline models from as little as W812mm x D893mm
- World leading low noise cabinet design
- **Now with a no quibbles 5 year compressor warranty!**



Code	Product	Power Consumption	2" Box Capacity	List Price	Offer Price
DW-86L486	Haier 486L -86°C ULT Freezer	14 Kw/24hr	320	€9,500	€5,480
DW-86L388J	Haier 388L -86°C ULT Freezer (Low Energy Model)	8 Kw/24hr	240	€8,375	€5,206
DW-86L490J	Haier 490L 2-door -86°C ULT Freezer (Low Energy Model)	11 Kw/24hr	160 + 160	€10,625	€6,165
DW-86L578J	Haier 578L -86°C ULT Freezer (Low Energy Model)	8.5 Kw/24hr	400	€12,425	€7,261
DW-86L628	Haier 628L -86°C ULT Freezer (BEST SELLER!)	18 Kw/24hr	400	€10,625	€6,165
DW-86L728J	Haier 728L -86°C ULT Freezer (Low Energy Model)	10.5 Kw/24hr	500	€13,550	€8,899
DW-86L828	Haier 828L -86°C ULT Freezer	19 Kw/24hr	600	€13,100	€7,946
DW-86W420J	Haier 420L -86°C ULT Chest Freezer (Low Energy Model)	14 Kw/24hr	270	€8,150	€5,199
HBX-IC	CO2 Back-up system			€1,980	€1,395

COOL FACT! Did you know that MSC have 4 factory trained service engineers based in Dublin?

FREEZER RACK SOLUTIONS

Haier -86°C ULT Patronus Touchscreen Freezers with inventory management software

Key Features

- Integrated touchscreen controls and integrated Inventory Management System
- Unique Inventory Management System (IMS): Layered display for sample storage making it easy to manage and track your samples (via colour, position and status)
- Store up to 70,000 samples on biggest model
- **Now with a no quibbles 5 year compressor warranty!**



Code	Product	Power Consumption	2" Box Capacity	List Price	Offer Price
DW-86L959	Haier 959L -86°C ULT Freezer + Integrated Inventory Management Software	19 Kw/24hr	700	€16,200	€11,995
DW-86L729	Haier 729L -86°C ULT Freezer + Integrated Inventory Management Software		500	€14,400	€10,995
HBX-IC	CO2 Back-up system			€1,980	€1,395

ULT -86°C Freezer Racking. Any Freezer. Any Rack

ULT -86°C Freezer Racking

Standard Racks



Comfort Sliding Drawer Racks



Microtiter Plate (MTP) and Microscope Slide Racks



Tray Racks



Freezer Compatibility

Haier | Angelantoni
Thermo Revco | Thermo Forma
FisherBrand | VWR
ESCO | New Brunswick (Eppendorf)
Telstar | Sanyo/Panasonic

Racking for Haier -86°C ULT Freezers

Code	Product	Offer Price
DCJ-44-A	Haier Standard Steel Rack for 2" Vials	€79
DCJ-44-B	Haier Comfort Steel rack with sliding drawers for 2" Vials	€90

Haier Laboratory Fridges



Code	Product	Offer Price
HYC-68	68L under bench fridge with 2 shelves	€515
HYC-118	118L under bench fridge with 2 shelves + 1 basket	€890
HYC-260	260L Upright fridge with glass door + 4 shelves	€1250
HYC-360	360L Upright fridge with glass door + 5 shelves	€1350
HYC-610	360L Upright fridge with glass door + 6 shelves	€3150
HYC-940	940L Double Door Upright fridge with glass door + 12 shelves	€3750

Key Features

- Adjustable Shelves
- Air Cooling, Auto-defrost
- Five Alarm Functions: High/low temperature, Power failure, Door Open, Temperature Sensor error, Low battery

Liebherr Laboratory Fridges and Freezers

ATEX Certified



Key Features

- With a 1 yr full parts, labour and travel warranty"
- ATEX certified
- 1 week lead-time to your laboratory
- Integrated alarm systems, data memory with min/max temperatures



Liebherr Mediline laboratory Fridges

Code	Product	Special
LKUv1610-23 001	Mediline Fridge, 141ltr, white	€ 865
LKUexv1610-23 001	Mediline Fridge, 141ltr, white, with glass shelves, spark free	€ 889
LKv3910-23 001	Mediline fridge, 360 ltr, white	€ 1,199
LKexv3910-23 001	Mediline fridge, 360 ltr, white, with Glass shelves	€ 1,219

Liebherr Mediline laboratory Freezers

Code	Product	Special
LGUex1500-22 001	Mediline Freezer, 139ltr, white	€ 899
LGex3410-22 001	Mediline Freezer, 310 Ltr, White	€ 1,299
LCv 4010-22 001	Mediline Fridge/Freezer, 361 ltr	€ 1,519

Liquid Nitrogen Storage Containers - LAB Series

Comes with holders and cryoboxes as standard!

Key Features

- High-strength aluminium alloy structure
- Multi-layer thermal isolation design
- Protective jacket to prevent damage to internal structures
- 5-years warranty on vacuum
- Wide range of optional accessories



Model	Unit	YDS-30-125-F	YDS-35-125-F	YDS-35B-125-F	YDS-47-127-F	YDS-50B-125-F
Capacity	L	30	35	35	47	50
Static Evaporation Loss	L/d	0.28	0.29	0.35	0.33	0.37
Static Hold Time	d	71	76	63	90	85
Numbers of Square Canister Racks	EA	6	6	6	6	6
Number of boxes per holder	box	4	5	5	6	6
1.2&2ml vial capacity	EA	600	750	750	900	900
Offer Price		€1,150	€1,250	€1,600	€1,250	€1,800

Hoshizaki Laboratory Ice Machines

Key Features

- Stainless steel exterior with integrated door handles provides a hygienic finish
- Manufactured in the UK with 2 year parts & labour warranty
- Includes installation kit for supply and drain connections + ice scoop
- Gram is part of the Hoshizaki group



Code	Product	Offer Price
867222082	Hoshizaki FM80KE Self-contained Flaked Ice Machine. Integrated 26Kg storage bin. Production Capacity 85Kg/24hr	€3,995
867222150	Hoshizaki FM150KE Self-contained Flaked Ice Machine. Integrated 26Kg storage bin. Production Capacity 150Kg/24hr	€4,500



ESCO Airstream Class II Microbiological Safety Cabinets

Key Features

- HEPA Filter* with 99.999% efficiency against 0.3µm particles, 99.995% filter efficiency for MPPS at 0.1µm improves safety
- Sentinel™ Gold Microprocessor Controller displays all safety information on one screen. Airflow sensor alerts the user if airflow is sufficient for greater safety
- ISOCIDE™ powder coat inhibits microbial growth on external surface prevents contamination and improves safety
- Curved Corner and Glass Side with large corner radius and divided auto-clavable work tray facilitates easily cleaning and enables easy reach of service fixture and outlets.

Code	Product	Offer Price
AC2-2E8	Airstream® Class II G3 MSC (E-Series), 2ft/0.6m	€4,699
AC2-3E8	Airstream® Class II G3 MSC (E-Series), 3ft/0.9m	€5,599
AC2-4E8	Airstream® Class II G3 MSC (E-Series), 4ft/1.2m	€5,599
AC2-5E8	Airstream® Class II G3 MSC (E-Series), 5ft/1.5m	€7,799
AC2-6E8	Airstream® Class II G3 MSC (E-Series), 6ft/1.8m	€7,799
Optional Accessories: UV, Stand, Taps + more		

ESCO Streamline® Polymerase Chain Reaction Cabinet, 2ft/0.6m

Key Features:

- True ISO Class 4 vertical laminar airflow with a large filter covering the entire work zone within the cabinet for better protection against cross contamination
- Positively pressurised interior to ensure no contamination from the ambient environment
- High-quality polyester pre-filter and main HEPA filter with a typical efficiency of 99.99% at 0.3 microns provide the best protection in the world
- Isocide™ antimicrobial coating of the external cabinet structure
- UV decontamination cycle is fully programmable; a timer will turn off the UV lamp after the set period of time
- Optional Support stand available in 28" / 710 mm height with castor wheels

Code	Description	Offer Price
SCR-2A1	Streamline PCR Cabinet (2ft)	€2,995



NEW Invivo2 Hypoxia Workstation from Baker Ruskinn

THE FUTURE

Since 1998 Baker Ruskinn have been working with pioneering scientists around the world to make breakthroughs in cell research.

AT YOUR FINGERTIPS

Over those years researchers have devoted their lives to advancing knowledge and understanding of the way cells behave. And that means from day one you have to be confident that your results can be trusted. If it's got to be right, then it's got to be Baker Ruskinn.

MIMICKING PHYSIOLOGY

The Invivo₂ hypoxia workstation was designed and built to give you the reassurance of reliable, physiologically-relevant results under controlled conditions. It allows you to study the most complex of cell interactions under perfect hypoxic conditions, regulating and maintaining oxygen, carbon dioxide, temperature and humidity.

Whether you're hoping to replicate the environment of blood vessels or lung tissue, the Invivo₂ is the best tool for the job.

Intuitive user controls and clean display

Dual chambers available for multiple atmospheres

INVIVO₂
Compact workstation

Invivo₂

Code	Product	Offer Price
Invivo2 400	NEW Invivo2 400 Compact with ICONIC (H ₂ /N ₂ ; CO ₂ ; N ₂ ; Air) gas mixer	€29,999
Invivo2 500	NEW Invivo2 500 with ICONIC (H ₂ /N ₂ ; CO ₂ ; N ₂ ; Air) gas mixer	€39,999
Invivo2 1000	NEW Invivo2 1000 Dual Chamber Workstation with ICONIC (H ₂ /N ₂ ; CO ₂ ; N ₂ ; Air) gas mixer	€59,999

Baker Ruskinn BUG BOX Anaerobic workstation

Key Features

- Compact size - Your personal workstation
- Up to 200 90-mm plate capacity
- Very short interlock (pass-through) purge cycle time - 10 plates in 15 seconds (BugBox) and 18 plates in 35 seconds (BugBox Plus)
- Quick and easy direct access with the gloveless, cuffed Ezee Sleeve™ system.
- Read plates easily without exposure to oxygen - energy-saving lighting provides perfect illumination.
- Petri dish holders for quick plate transfer included.
- Up to 4 Gas Operation; H₂/N₂, CO₂, N₂, Air for low gas consumption and running costs (BugBox M)



Ruskinn anaerobic workstations are designed specifically to help microbiologists cope with rising workloads and provide the best primary isolation rates.

Code	Product	Offer Price
C0105	Bugbox	€12,999
CM001	Bugbox M with ICONIC Gas Mixer	€22,999
C0109	Bugbox Plus	€15,999

Allsheng 7K Minifuge



Code	Product	Offer Price
AS-08070-00	Mini 7k centrifuge, 6,000 rpm with 6 x 1.5ml rotor and adapters for 0.5ml strip tubes	€195

Allsheng 15K Centrifuge



Code	Product	Offer Price
AS-08110-00	Mini 15k centrifuge; 15,000rpm, 12 x 1.5/2.0mL tube rotor, rcf-rpm conversion, LCD display	€495

Labnet Spectrafuge 24D Microcentrifuge



Code	Product	Offer Price
C2400-B-230V	Spectrafuge 24D, 13,300rpm, complete with 24 x 1.5ml rotor	€1,075

Labnet MPS 1000 Mini PCR Plate Spinner



Code	Product	Offer Price
C1000-230V	Plate Spinner Centrifuge, 2 x plate capacity	€ 480

Allsheng Refrigerated 15K Centrifuge



Key Features

- Max rotor capacity 24 x 1.5/2.0ml tubes
- Max speed 14,680rpm
- Temperature range from -10oC to +40oC
- Soft brake function
- 3 different rotors available

Code	Product	Offer Price
AS-08130-00	iCEN24R, 14,000rpm with 24x1.5/2.0ml rotor	€1800

223e Cell Culture Centrifuge



Code	Product	Offer Price
10223e/2-56	223e Cell Culture Centrifuge, 500ml capacity, 4000 rpm (2320 x g)	€1,750
	Fixed and swing rotors and accessories for 5ml/7ml, 15ml, 30ml and 50ml tubes available	POA

260/260R Desktop Centrifuges

Key Features

- Max capacity: 500ml
- Speed: 100 ÷ 18000 rpm (24088 x g)
- Timer: 0 ÷ 99min 59s, or ∞, 1s interval
- Air-cooled and refrigerated (-20C ÷ +55°C) versions available
- Huge range of rotors, adapters and accessories available



Code	Product	Offer Price
10260/2-56	MPW 260	€ 2,499
10260R/2-5	MPW 260R	€ 3,499

Rotor Bundle Options

11213C/B	8 x 50ml fixed angle rotor complete with 8 x 15ml tube adapters (14089) + sealed lid	€699
12183	4 x 100ml swing-out rotor complete with adapters for 4 x 50ml + 4 x 15ml tubes and sealed lid	€899
12218C	Microtiter rotor head complete with 2 hangers 13219 for microtiter plates	€299
	Huge range of fixed angle/swing-out rotors + adapters for 1.5ml, 2ml, 5ml, 7ml, 10ml, 14ml, 15ml, 25ml, 30ml, 50ml, vacutainers tubes etc	

352/352R Centrifuges

Key Features

- Max capacity: 1000ml
- Speed: 90 ÷ 18000 rpm (30065 x g)
- Timer: 0 ÷ 99min 59s, or ∞, 1s interval
- Air-cooled and refrigerated (-20C ÷ +40°C) versions available
- Huge range of rotors, adapters and accessories available



Code	Product	Offer Price
10352/2-56	MPW 352	€ 2,699
10352R/2-5	MPW 352 R	€ 3,999

Rotor Bundle Options

11457	Angle rotor 6 x 50ml for Falcon® tubes complete with Hermetically Sealed Lid and 6 x 15ml adapters	€ 649
12177	Swing-out rotor 4 x 250ml complete with 13180 8 x 50ml adapters and 14089 8 x 15ml adapters	€ 1,199
12451C	Microtiter, swing-out rotor head, complete with 2 buckets 13307 for microtiter plates	€ 499
	Huge range of fixed angle/swing-out rotors + adapters for 1.5ml, 2ml, 5ml, 7ml, 10ml, 14ml, 15ml, 25ml, 30ml, 50ml, vacutainers tubes etc	

380/380R Centrifuges

Key Features

- Max capacity: 1.6L
- Speed: 100 ÷ 18000 rpm (31150 x g)
- Timer: 0 ÷ 99min 59s, or ∞, 1s interval
- Air-cooled and refrigerated (-20C ÷ +40°C) versions available
- Huge range of rotors, adapters and accessories available



Code	Product	Offer Price
10380/2-56	MPW 380	€ 4,999

10380R/2-56	MPW 380R	€ 7,999
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Rotor Bundle Options

11776	Angle rotor 8 x 50ml for Falcon® tubes complete with Hermetically Sealed Lid and 8 x 15ml tube adapters (14089)	€ 899
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12830	Swing-out rotor 4 x 400ml with sealed cap complete with 20 x 50ml adapters (14840) and 48 x 15ml adapters (14838)	€ 1,499
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12787C	Microtiter rotor, complete with 13286 hangers for microtiter plates	€ 1,399
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Huge range of fixed angle/swing-out rotors + adapters for 1.5ml, 2ml, 5ml, 7ml, 10ml, 14ml, 15ml, 25ml, 30ml, 50ml, 100ml, 250ml tubes/bottles, vacutainers etc

NEW MPW 150R Refrigerated High Speed Microcentrifuge

Key Features

- Speed: 90 ÷ 15000 rpm (21,382 x g)
- Temperature control: -20C to +40°C
- Timer: 1s ÷ 99h 59min 59s, ∞
- Rotor Option 1: 24 x 1.5ml/2.0ml tubes (adapters for 0.5ml, 0.4ml and 0.2ml tubes)
- Rotor Option 2: 6 x 10ml/15ml Falcons



Code	Product	List Price	Introductory Price
10150R/2-5	Refrigerated laboratory centrifuge MPW-150R	3,995	2,750
11461	Angle rotor 24 x 2/1,5ml, with Hermetically Sealed Lid	450	250
11942C/A	Angle rotor 6 x 15/10ml, complete with buckets 13080	450	250

Hitachi CR22N High Speed Refrigerated Floor Standing Centrifuge

Key Features

- 22,000rpm/55,200g and temperature control from -20 to +40 °C
- Compact Body, Larger Capacity. Max volume 6L
- Self-locking rotor system
- Economy mode (automatic standby function) with re-generating brake system



Code	Product	List Price	Offer Price
903350C2	High Speed Refrigerated Centrifuge capable of speeds up to 22,000 rpm with 6L max capacity.	€18,895	€15,999
Rotor Bundle Options			
904295D0	8x50ml Fixed Angle Rotor (20,000 rpm/48,000g)	€3,413	€ 1,999
904306D0	4 x 250ml Fixed Angle Rotor (14,000 rpm/30,200g)	€4,388	€ 2,999
904365D1	6 x 500ml Fixed Angle Rotor (10,000 rpm/18,800g)	€7,463	€ 3,999
904364D0	4 x 1L Fixed Angle Rotor (9,000 rpm or 15,300g)	€13,288	€ 6,999
904374D0	4 x 1.5L Fixed Angle Rotor	€22,275	€ 10,999
Lots more fixed angle/swing-out rotors + adapters available			

Hitachi CS150NX Ultra Centrifuge

Key Features

- 150,000rpm/ 1,050,000 x g
- Max capacity 30ml x 6 tubes
- Touch screen LCD control
- automatically maintain rotor logging history maximizing rotor life
- Available in benchtop or floor-standing configuration

Code	Product	Offer Price
901097C1	Micro-Ultra Centrifuge	€23,500
Rotors	Large range of rotors available	€31,599



ESCO CelCulture CO2 Incubators

Key Features

- High Temperature decontamination
- IR Sensor
- CO2 Control
- HEPA filter
- Stainless Steel chamber
- Stacking kit available



Code	Product	Offer Price
CCL-050B-8	CelCulture® CO2 Incubator, 50L, IR Sensor, CO2 Control, HEPA filter, stainless steel chamber, High Temp Decon (including stacking kit)	€3,699
CCL-170B-8	CelCulture® CO2 Incubator, 170L, IR Sensor, CO2 Control, HEPA filter, stainless steel chamber, High Temp Decon (including stacking kit)	€6,399
CCL-240B-8	CelCulture® CO2 Incubator, 240L, IR Sensor, CO2 Control, HEPA filter, stainless steel chamber, High Temp Decon (including stacking kit)	€8,750
CCL-050T-8	CelCulture® Trigas Incubator, 50L, IR Sensor, CO2/O2 Control, HEPA filter, stainless steel chamber, High Temp Decon (including stacking kit)	€4,550

HEALFORCE 151L CO2 and Tri-gas Incubators

Precise Temperature, CO2, O2 Control and High Humidity

- Direct heat design ensures quick heating and rapid temperature recovery.
- IR or TC CO2 sensor
- Integrated water level sensor and Innovative design of water for rapid humidification.
- Heated outer door minimizes condensation.
- NEW Tri-Gas Models allow for control of CO2, O2 and N2!

Contamination Control System

- 90°C moist heat disinfection cycle
- CO2 HEPA filter inlet
- Single sheet stainless steel interior reducing potential contamination
- Easily removable, replaceable shelves make cleaning chambers a breeze.



Code	Product	List Price	Introductory Price
7BZ-HF100-00T	151L Air-jacketed CO2 Incubator (TC CO2 Sensor)	€5,499	€3,999
7BZ-HF100-001	151L Air-jacketed CO2 Incubator (IR CO2 Sensor)	€5,999	€4,499
7BZ-HF100-01L	151L Tri-gas Air-jacketed CO2 Incubator (IR CO2 Sensor)	€7,999	€5,999

Labwit Laboratory Ovens and Incubators



Key Features

- P.I.D microprocessor with large LCD offers advance control.
- Real-time clock & timer with delayed auto start from 0 to 99.59 hours.
- Programs for running multiple "ramp and soak" cycles
- Audible and visible alarm on over/under temperature and password protection.
- SUS304 mirror-finished stainless steel interior offers easy cleaning

Horizontal Airflow Forced-air Drying Oven

Code	Product	List Price	Offer Price
ZXRD-A5030	30L Laboratory Oven; +5 to 200°C	€1,233	€999
ZXRD-A5055	55L Laboratory Oven; +5 to 200°C	€1,377	€1,299
ZXRD-7080	80L Laboratory Oven; +5 to 300°C	€1,799	€1,599
ZXRD-A5110	110L Laboratory Oven; +5 to 200°C	€1,710	€1,399
ZXRD-7140	140L Laboratory Oven; +5 to 300°C	€1,199	€1,599
ZXRD-A5210	210L Laboratory Oven; +5 to 200°C	2142	1999
ZXRD-7230	230L Laboratory Oven; +5 to 300°C	€2,475	€1999

Heated and Cooled Laboratory Incubators

Code	Product	List Price	Offer Price
ZXDP-A2050	50L Laboratory Incubator	€1,170	€999
ZXDP-A2080	80L Laboratory Incubator	€1,323	€1,099
ZXDP-A2120	120L Laboratory Incubator	€1,584	€1,299
ZXDP-A2160	160L Laboratory Incubator	€1,800	€1,499
ZXDP-A2270	270L Laboratory Incubator	€2,214	€1,799
ZXSD-A1090	90L Low temperature cooled incubator (ambient-20 to 65°C)	€3,384	€2,699
ZXSD-A1160	160L Low temperature cooled incubator (ambient-20 to 65°C)	€4,257	€3,399
ZXSD-A1270	270L Low temperature cooled incubator (ambient-20 to 65°C)	€5,103	€4,099
ZXSD-A1430	430L Low temperature cooled incubator (ambient-20 to 65°C)	€5,670	€4,599

Benchtop Shaking Incubators



Code	Product	Offer Price
ZHWY-100B	Benchtop shaking incubator (Ambient to 60°C). Max capacity 5 x 1000ml	€3,250
ZHWY-200B	Benchtop shaking incubator (-20°C to 60°C). Max capacity 5 x 1000ml	€3,995
ACC	Accessories include platforms and a wide range of flask clamps, tube holders from 50ml to 1L	POA

Labnet Mini Incubator



Code	Product	Offer Price
I5110A-230V	Mini Incubator, 9.2L, Ambient +5° to 60°C comes with 1 shelf	€318
I5110A-MLR-230V	Mini Incubator, 9.2L, Ambient +5° to 60°C with Mini Lab Roller and rotisseries for 1.5, 15 and 50 ml tubes	€579

Floorstanding Shaking Incubators



Code	Product	Offer Price
ZHWY-211B	Floor Standing Shaking Incubator (-20°C to 60°C). Capacity: 100mlx50 or 250mlx32 or 500mlx26 or 1000mlx14 or 2000mlx8	€5,995
ZHWY-111B	Floor Standing Shaking Incubator (Ambient to 60°C). Capacity: 100mlx50 or 250mlx32 or 500mlx26 or 1000mlx14 or 2000mlx9	€5,595
ZHWY-111C	Floor Standing Shaking Incubator (Ambient to 60°C). Capacity: 100mlx66 or 250mlx36 or 500mlx28 1000mlx18 or 2000mlx8 or 3000mlx8 or 5000mlx7	€5,995
ZHWY-211C	Floor Standing Shaking Incubator (-20°C to 60°C). Capacity: 100mlx66 or 250mlx36 or 500mlx28 1000mlx18 or 2000mlx8 or 3000mlx8 or 5000mlx7	€6,995
ZHWY-A2005	2 Layer Stacked Shaking incubator (+4°C to 60°C). Capacity: 100mlx50 or 250mlx32 or 500mlx26 or 1000mlx14 or 2000mlx8 in each chamber	€19,995
ACC	Accessories include various flask clamps and tube holders	

Three installations in Ireland, DCU, CIT and DIT
- contact your local rep for a reference

Waterbaths



Code	Product	Offer Price
SWB6D	Digital water bath, 6L	€ 599
SWB15D	Digital water bath, 15L	€ 699
SWB24D	Digital water bath, 24L	€ 749
SBS40	Waterbath, shaking (without platform)	€ 2,199
GabLid	Optional Gable Lid for all models	POA

Labnet Accuplate Hotplate Stirrers



Key Features

- Precise control of temperature and stirring speeds
- Maximum hot temperature surface 380°C
- 5L stirring capacity
- Low profile design with 7" x 7" top plate

Code	Product	List Price	Offer Price
D0300-230V	Analog Hot Plate, 230V	€ 275	€ 195
D0310-230V	Analog Magnetic Stirrer, 230V	€ 412	€ 275
D0320-230V	Analog Hot Plate Stirrer, 230V	€ 275	€ 195



Allsheng Bacti-Cinerator Sterilizer

Code	Product	List Price	Offer Price
D0300-230V	Analog Hot Plate, 230V	€ 275	€ 195



Hotplate Stirrers

Code	Product	Offer Price
CB302	Stirrer hotplate, ceramic top, analogue, 30 x 30cm, 450°C, 100-1500rpm	€ 749
UC152D	Undergrad Stirrer hotplate, ceramic top, analogue, 15 x 15cm, 450°C, 100 – 2000rpm	€ 405
SB162-3	Stirrer, magnetic, hotplate, 3 position, 325°C, 100-1500rpm	€ 999

Allsheng MTV–1mini vortex



Code	Product	Offer Price
AS-02070-00	MTV-1 mini vortex	€ 85

Allsheng MS-100 Thermo Mixer



Code	Product	Offer Price
MS -100	Thermo Shaker, ambient +5 °C to 100°C , 200rpm-1500rpm	€ 850
Blocks	Choose from: 96x0.2ml, 54x0.5ml,35x1.5ml, 35x2.0ml,15x0.5ml+20x1.5ml, 24 x 12 mm tube, 12x15ml, 6x50ml, 96 x 0.2 ml Microplate, 24x5ml tube, 96-Deep well microplate	€ 95

Allsheng Heating Blocks/Dry Baths



Code	Product	Offer Price
AS-01130-00	MiniT-100 Heating Block Incubator, ambient +5°C to 100°C	€ 275
AS-01220-00	MiniT-H3 Triple Heating Block Incubator, ambient +5°C to 100°C	€ 495
MiniBlocks	Choose from: 40 x 0.2ml, 32 x 0.5ml, 15 x 1.5ml/2ml, 2 x 50ml, 4 x 15ml or cuvette	€ 75

Allsheng Dual Heating Block Dry Bath



Code	Product	Offer Price
AS-01190-00	MK-2000-2 Dual Block Dry Bath Incubator, Ambient +5°C to 105°C, 2 block capacity	€ 350
Blocks	Choose 2 blocks from: 96x0.2ml, 54x0.5ml,35x1.5ml, 35x2.0ml,15x0.5ml+20x1.5ml, 24 x 12 mm tube, 12x15ml, 6x50ml, 96 x 0.2 ml Microplate, 24x5ml tube, 96-Deep well microplate + more	€ 75

MIXING, SHAKING AND STIRRING

Labnet ProBlot Rockers



Key Features

- Staining, hybridization, washing, etc.
- Compact size, low profile and extremely quiet
- Double platform option expands usable space

Code	Product	List Price	Offer Price
S2025-B-230V	ProBlot Rocker 25 with single platform (26 x 20 cm)	€ 1,004	€ 550
S2025-D-B-230V	ProBlot Rocker 25D with double platform (26 x 20 cm)	€ 1,118	€ 650
S2025-XL-B-230V	ProBlot Rocker 25XL with large single platform (30 x 30 cm)	€ 1,179	€ 665
S2025-XLD-B-230V	ProBlot Rocker 25XLD with large double platform (30 x 30 cm)	€ 1,293	€ 750

Labnet Orbital Shakers



Code	Product	List Price	Offer Price
S2030-1000-B-230V	Orbit 1000 - Digital Shaker without platform	€ 1,936	€ 1,150
S2031-12	Flat platform with rubber mat, for use with Orbit 1000 and Reciprocal 30 Shaker	€ 225	€ 125
S2031-12D	Two stacked platforms (30 x 30 cm), for use with Orbit 1000/Orbit LS and Reciprocal 30 Shaker	€ 341	€ 185
S2031-13	Spring loaded platform for flasks, bottles, or tube racks	€ 388	€ 225
S2031-18	Flask clamp platform without clamps, for use with Orbit 1000/Orbit LS and Reciprocal 30 Shaker (see catalog for capacities)	€ 341	€ 185
Clamps	Choice of Clamps for: 25 ml, 50 ml, 125 ml, 500 ml, 1 L Erlenmeyer flasks	POA	POA

Stuart Orbital & Linear Shakers



Code	Product	Offer Price
SSM1	Mini-scale orbital shaker, 220 x 220mm platform, 3kg max load, 30-300rpm	€ 849
SSM5	Microtitre plate shaker, 4 plates	€ 849
SSL1	Lab-scale orbital shaker (complete with platform), 335 x 335mm, 10kg max load, 30-300rpm	€ 1,399
SSL2	Lab-scale reciprocating linear shaker (complete with platform), 335 x 335mm, 10kg max load, 25-250rpm	€ 1,399
SSL5	Microtitre plate shaker large, 8 plates	€ 1,599



Stuart Tube Rollers

Code	Product	Offer Price
SRT6	Tube roller 6 roller	€699
SRT9	Tube roller 9 roller	€899

NEW ADAM Nimbus Analytical & Precision Balances



Code	Product	Capacity/Readability /Pan Size	Offer Price
Adam Nimbus Analytical Balances			
NBL 84i	Nimbus 84i Analytical Balance with draftshield and Internal calibration	80g/0.0001g/90mm Ø	€940
NBL 124i	Nimbus 124i Analytical Balance with draftshield and Internal calibration	120g/0.0001g/90mm Ø	€596
NBL 164i	Nimbus 164i Analytical Balance with draftshield and Internal calibration	160g/0.0001g/90mm Ø	€961
NBL 214i	Nimbus 214i Analytical Balance with draftshield and Internal calibration	210g/0.0001g/90mm Ø	€1004
NBL 254i	Nimbus 254i Analytical Balance with draftshield and Internal calibration	250g/0.0001g/90mm Ø	€596
ADAM Nimbus Precision Balances			
NBL 223i	Nimbus 223i Precision Balance with draftshield and Internal calibration	220g/0.001g/120mm Ø	€1047
NBL 423i	Nimbus 423i Precision Balance with draftshield and Internal calibration	420g/0.001g/120mm Ø	€631
NBL 623i	Nimbus 623i Precision Balance with draftshield and Internal calibration	620g/0.001g/160mm Ø	€665
NBL 823i	Nimbus 823i Precision Balance with draftshield and Internal calibration	820g/0.001g/160mm Ø	€639
NBL 1602i	Nimbus 1602i Precision Balance with Internal calibration	1600g/0.01g/160mm Ø	€699
NBL 2602i	Nimbus 2602i Precision Balance with Internal calibration	2600g/0.01g/160mm Ø	€751
NBL 3602i	Nimbus 3602i Precision Balance with Internal calibration	3600g/0.01g/160mm Ø	€854
NBL 4602i	Nimbus 4602i Precision Balance with Internal calibration	4600g/0.01g/160mm Ø	€897

Jenway pH & Conductivity Meters



Code	Product	Offer Price
350501	Model 3505 pH meter with mV and temperature ranges, suitable for battery or mains operation, supplied with epoxy combination pH electrode (924 001), ATC probe (027 500), electrode stand and holder, BNC shorting plug, pH 4, 7 & 10 buffer sachets, battery	€ 429
351001	Model 3510 pH/temp meter with dual display, mV range and 32 reading memory, supplied with glass combination pH electrode (924 005), electrode stand and holder, ATC probe (027 500), BNC shorting plug, pH 4, 7 & 10 buffer sachets	€ 579
354000	Model 3540 pH/conductivity meter with dual, graphics display of both parameters (in real time) and ranges for Abs and Rel mV, TDS and Salinity has 250 reading memory for each channel. The 3540 is supplied with a glass combination pH electrode (924 005), glass conductivity probe with ATC (K=1) (027 013), electrode stand and holder, ATC probe (027 500), BNC shorting plug, pH 4, 7 & 10 buffer sachets	€ 1,299

BMG Labtech SPECTROstar Nano

Ultra-fast, full UV/Vis spectrum absorbance microplate reader with cuvette port

Key Features

- Full-spectrum UV/Vis absorbance measurements in less than 1 second
- Measurement from 96-well to 1536-well microplate format
- Integrated cuvette port for individual samples
- Linear, orbital and double-orbital shaking as well as uniform incubation up to 45 °



Code	Product	Offer Price
601-101	Spectrostar Nano	€ 12,000
LVIS	LVIS Nano Volume adapter for 16 x 2ul samples	FREE!

BMG Labtech OMEGA Plate readers

The Omega Series of microplate readers offer true flexibility to provide you with the perfect reader to fulfil your requirements: from an absorbance-only SPECTROstar or luminescence-only LUMIstar to a fully-equipped POLARstar Omega with up to six detection modes. Your chosen instrument can also be upgraded at any time if you need more features or additional detection modes.

Key Features

- Measurement in up to 384-well microplate format (1536-well on Spectrostar)
- Top and bottom reading
- Plate shaking and uniform incubation up to 45 °C or 65 °C
- Well-scanning and real-time kinetic monitoring
- High-precision injectors with simultaneous reagent injection and detection
- Includes multi-user control and MARS data analysis software
- ACU compatible for O2 and CO2 control
- Compatible with LVis Plate and Stacker



Code	Product	Offer Price
415-101-AFL	FLUOstar OMEGA, Standard & Time Resolved Fluorescence, Absorbance and High Performance Luminescence	€ 24,500
415-101-F	FLUOstar OMEGA, Standard & Time Resolved Fluorescence	€ 18,000
415-101-AF	FLUOstar OMEGA, Standard & Time Resolved Fluorescence and Absorbance	€ 22,000
415-101-FL	FLUOstar OMEGA, Standard & Time Resolved Fluorescence and High Performance Luminescence	€ 19,500
415-401-AL	SPECTROstar OMEGA and High Performance Luminescence	€ 20,000

Accessories: filters, UV/VIS DNA nanoplate, luminescent/fluorescent/BRET upgrade modules, injectors + more. Just ask for more details!

Jenway Spectrophotometers



Code	Product	Offer Price
731001	Model 7310 single beam, scanning, visible range spectrophotometer (320-1000nm) fitted with single 10 x 10mm cuvette holder, with 4GB USB memory stick, 100 disposable cuvettes and PC software	€ 2,799
731501	Model 7315 single beam, scanning, UV/visible range spectrophotometer (198-1000nm) fitted with single 10 x 10mm cuvette holder with 4GB USB memory stick, 100 disposable cuvettes and PC software	€ 3,699
736501	Model Genova Plus single beam, scanning, UV/visible range spectrophotometer (198-1000nm) fitted with micro-cuvette holder, supplied with single 10 x 10mm cuvette holder with 4GB USB memory stick, 100 disposable micro-cuvettes	€ 4,599
737501	Model Genova Nano single beam, scanning, UV/visible range micro-volume spectrophotometer (198-1000nm) fitted with micro-volume accessory, supplied with single 10 x 10mm cuvette holder, micro-cuvette holder with 4GB USB memory stick, calibration standards.	€ 6,499

Allsheng ELISA Plate washer

The APW-100 Microplate Washer is easy, convenient and versatile to use for washing microplate in ELISA assays.



Key Features

- 8-position washing head for 96-well plates (flat, U, V, C bottom)
- 4.3 inch colour LCD display for stand-alone use and USB for PC connection
- Washing volume: 50~2000µl (50µl increments)
- Residual liquid: ≤0.5µl/well
- Programmable soaking and shaking times

Code	Product	List Price	Offer Price
AS-16010-00	APW-100 8-channel Microplate washer including washing/waste bottles	€ 5,227	€ 2,995

Titertek-Berthold ZOOM Automated Plate Washing System



Key Features

- 96 & 384 well (no change of wash head necessary)
- 3-D aspiration
- Buffer selection (up-to four different buffers/liquids in one process)
- Optional Accessories: Dispense Module for advanced dispensing

Speed

- 96 well plate wash
1 x 300µl = 7 seconds
- 96 well plate wash
3 x 300µl = 17 seconds
- 384 well plate wash
3 x 75µl = 38 seconds

Code	Product	Offer Price
14000325	Zoom Microplate Washer, 96-channel wash head for 96/384-well plates	€ 16,500

MagCore Automated Nucleic Acid Purification System

Key Features

- Rapid and reliable results in 40 minutes
- Flexible design: samples can be run without waste of resources
- Versatile: genomic DNA from whole blood and tissue samples, viral RNA from serum, total RNA from cells + many more - ready to use kits are available
- CE IVD certified extraction kits



Code	Product	Offer Price
MCA1602	MagCore Super (Spectrophotometer/ Thermal Printer); 16-channels	€25,000
Other RBC Bioscience Automated Nucleic Acid Extraction Systems		
MCA0801	MagCore Compact (Programs build-in / UV Light); 8-channels	€13,000
MCA1603	MagCore HF16 PLUS (Programs build-in / UV Light); 16-channels	€15,000

Techne PrimePro Real-Time PCR Thermal Cycler

Key Features

- 40 cycles in as little as 15 minutes when optimised
- Genotype in 4 minutes with over 99% accuracy
- Detection sensitivity of 1 copy
- Dual LED excitation (452 to 486 nm and 542 to 582 nm) and 4 emission filters (505 to 545nm 562 to 596nm 604 to 644nm 665 to 705nm)



Code	Product	Offer Price
PrimePro	48 well QPCR Real-time thermal cycler	€15,000
PrimePro-EXdemo	Ex-demo 48 well QPCR Real-time thermal cycler	€5,000

THERMAL CYCLERS AND PLATE SEALERS

PCRmax Alpha PCR Thermal Cyclers PCRmax - A Bibby Scientific Company

Key Features

- Scalable - Chose from any combination of 96 or 384 well blocks
- Compact - Save precious labspace by condensing four truly independent blocks into one chassis with no networking issues or connectivity concerns (PCRMax 4 only)
- Active Sample cooling - For sharper amplification and minimal non-specific amplification
- Programme Wizard - Generate a protocol specific to your sequence, template source and amplicon length in seconds
- Gradient - Allowing for simplified temperature optimisation, no matter the block chosen
- Android driven 7" tablet interface - Quad core speed and excellent connectivity and feel



Code	Product	Offer Price
AC196	Alpha cycler 1 with a single 96 well block	€4,199
AC1384	Alpha cycler 1 with a single 384 well block	€4,199
AC496	Alpha cycler 4 with four 384 well blocks	€14,999
AC4384	Alpha cycler 4 with four 96 well blocks	€14,999
AC4196	Alpha cycler 4 with one 96 and three 384 well blocks	€14,999
AC4296	Alpha cycler 4 with two 96 and two 384 well blocks	€14,999
AC4396	Alpha cycler 4 with three 96 and one 384 well blocks	€14,999

4Ti Plate Sealers



A4S Fully Automated



4s3 Semi Automated

Code	Product	Offer Price
4ti-0665	A4S Fully Automatic Plate Heat Sealer	€18,495
4ti-0655	4s3 Semi Automated Heat Sealer	€3,995

Heat sealing is the gold standard method for plate and tube sealing. Preventing sample loss and maximising sample security by facilitating 100% complete seal and preventing evaporation, leakage and contamination.

Key Features

- Simple installation
- Sealing time less than 15 seconds
- Compatible with a wide range of plates, from racked tubes to 1536 well PCR plates

ELECTROPHORESIS

Labnet ENDURO Horizontal Electrophoresis Systems

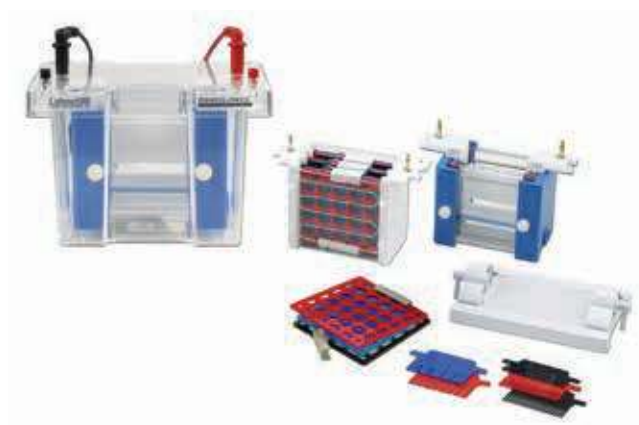


Now with combs, gel tray, casting gates and loading guides as standard!

Code	Product	List Price	Offer Price
E1007-7	Enduro 7.7 Horizontal Gel Box 7 x 7 cm	€ 441	€ 250
E1007-10	Enduro 7.10 Horizontal Gel Box 7 x 10 cm	€ 461	€ 275
E1010-10	Enduro 10.10 Horizontal Gel Box 10 x 10 cm	€ 481	€ 285
E1015-10	Enduro 15.10 Horizontal Gel Box 15 x 10 cm	€ 557	€ 295
E1015-15	Enduro 15.15 Horizontal Gel Box 15 x 15 cm	€ 722	€ 399
E1020-20	Enduro 20.20 Horizontal Gel Box 20 x 20 cm	€ 753	€ 399

Code	Product	Offer Price	Offer Price
E2010-PA	Enduro PAGE system (2 Gel capacity), includes 2 x notched plates, 2 x plates with spaces, 2 x 12 well combs, PAGE module and casting base	€ 860	€ 485

Labnet ENDURO PAGE & Western Blotting Systems



ATTO Dual Slab PAGE Electrophoresis System



Key Features

- Up to 2 x 9cm gels
- High quality best-selling model
- Simple set-up with no leak specifications

Code	Product	Offer Price
2322191	AE6500 (6450) Vertical Dual Mini Slab Electrophoresis Kit	€999

Labnet ENDURO™ Laboratory Power Supplies



Code	Product	List Price	Offer Price
E0203-230V	Enduro 250V Power Supply (250V, 3,000mA programmable w/timer)	€ 1,088	€ 750
E0303-230V	Enduro 300V Power Supply (300V, 500mA w/ timer)	€ 563	€ 395
E0304-230V	Enduro Mini Power Supply (300V, 400mA w/ timer)	€ 479	€ 350

Perfect for DNA, RNA and Protein electrophoresis

NEW Microtek Gel Imager and documentation system

Key Features

- Gel Imager for EtBr - alternative stain with High Sensitivity
- Fluorescence sensitivity up to 0.04 ng per band
- Performs 10 times better sensitivity than camera solutions (in traditional imaging)
- Patented Design with Advanced Image-Capture Skills
- Exclusive EtBr-alternative stains for safety, ecology and environment
- Meets demands for trans-illuminating, imaging and extraction
- Simple Software Brings Effective Results



Code	Product	List	Introductory Offer €
BIO-1000F	Microtek Gel Imager and documentation system	€4,999	€2,999



**Upgradable chemilu
fluorescence capabilities.**



Key Features

- 10-20MP
- Choice of high sensitivity or high resolution camera
- Better sensitivity than film
- Reproducible and comparable quantification data
- Best signal to noise ratio of the industry
- License free software

Product Code	Description	Offer Price
1211 7200 1	Fusion-SOLO.6S EVO-6 camera – 6.3MP Evolution-Capture Software	€ 16,500
1211 7160 1	Fusion SOLO.6S XL EVO-6 camera – 6.3MP Evolution capture software V.084 XL lens Field of view 24 x 20cm	€ 17,500
1211 7600 1	Fusion SOLO.7S High Sensitivity model expose for more than 15 minutes! DARQ-7 camera – 4.2 MP Fusion capture software	€ 21,500



Series: lab 1, 2 and 4



Series LAB 1.80 HSD
Series LAB 1.100 HSD

Series LAB 2.200 HSD
Series LAB 2.250 HSD

Technology

The Eurosteam LAB.STM line is a series of new generation steam sterilisers, result of the most advanced design by Schlumbohm & Angelantoni Life Science, Leader in the design and manufacture of advanced research labs to the highest class BSL4.

German technology combined with Italian creativity and design based on the Corporate Know-how achieved in decades of activity in the sector, has produced equipment focused on the "total quality", concept.

This philosophy enables to meet the needs of an Elite market requiring total safety assurance, absolute reliability and repeatable sterilisation processes avoiding assessment risks to the operators.

Total quality to produce medical devices with high construction standards, advanced techniques and innovative solutions.

Total quality for an environmentally-friendly project with water consumption, extremely low electricity and heat dissipation at almost zero impact on the environment.

Savings

The constant research of high productivity and efficiency leads us to a design commitment aimed to "Safety", "Total quality" and "Saving".

"Saving" is one of the intents that we focus in the design phase: operating and maintenance saving adopting high quality, reliable and long life devices, solutions and components.

Synergy

Know-how

Experience

Ability

Customer Support

4TITUDE 4LAB AUTOMATED PCR/qPCR SAMPLE PREPARATION

4Titude's® 4LAB is an automated, high precision pipetting system specifically designed for low-volume PCR/qPCR sample preparation. For good PCR results, small volumes of reagent need to be dispensed accurately and consistently.

Key Features

- Easy and convenient to use
- Built-in PCR/qPCR set-up protocols can be quickly modified
- Single and 8-channel, 50µl or 200µl automated pipetting modules
- 4 interchangeable standard microplate/tip rack adapter and 2 interchangeable reagent vessel adapters available
- Easy to service
- Accurate and precise
- Excellent results for qPCR standard curve and replicates
- Better precision of pipetting results than manual pipetting
- Affordable solution
- The most affordable pipetting system available
- Save reagent costs by human error reduction and low volume PCR plates



Code	Product	List
4ti-2000	4LAB Pipetting Station 4+2 positions with software and notebook	Starting from € 25,000

Contact your local representative at info@medical-supply.ie for more details

MSC reserves the right to change this promotion at any time.
All prices correct at time of printing and Ex VAT. Delivery Charges Not Included.

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Labnet International, Inc.

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RBC Bioscience

stuart

MM
MMV Group

biocision

PCRmax

Electrothermal
A Biotec Scientific Company