



# MSC Equipment Special Offers 7th Edition

2020



Made in Germany. Since 1865.

**Haier Biomedical**



**Barkey**



**DIAPATH**

Please Quote Dx Promo on your order  
Offer valid until 31st December 2020

Approved HSE Framework Supplier

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Offer valid until 31/08/2020

## YOUR COMPLETE CALIBRATION AND SERVICING SOLUTION

- Our Team of fully trained service engineers are on-hand to repair or service any laboratory equipment.
- We are INAB accredited for temperature calibrations and temperature mapping.
- MSCs CLEAN AIR division, Isolation Technology, are experts in the commissioning and validation of Biological Safety Cabinets (BSCs), laminar air flow cabinets (LAFs) and pharmaceutical isolators.

**Contact MSC for maintenance contracts, spare parts, IQOQ and general equipment repairs [service@medical-supply.ie](mailto:service@medical-supply.ie)**

### MSC Service Division



## CONTENTS

COLD STORAGE	4
CLEAN AIR	8
CENTRIFUGES	13
MICROBIOLOGY	15
CELLULAR PATHOLOGY	20
TRANSFUSION SCIENCE	27

## Haier HYC Laboratory Fridge

HSE Framework Project 9845 Lots 1-7



## Haier HYC Laboratory Fridge Range

### Key Features

- High efficiency specialised compressor- forced air distribution system designed to achieve maximum temperature uniformity and stability (+/-3°C).
- Microprocessor control, digital display
- Adjustable temperature range 2-8°C
- Audible and visual alarms for high/low temperature, sensor error, door open and power failures.
- Interior LED light
- Door lock
- Supplied complete with shelves (option for drawers also available-please inquire)



Code	Capacity	Specifications
HYC-68	68L	Solid door, 2 shelves
HYC-68A	68L	Glass door, 2 shelves
HYC-118	118L	Solid door, 3 shelves
HYC-118A	118L	Glass door, 3 shelves
HYC-260	260L	Glass door, 4 shelves
HYC-360	360L	Glass door, 5 shelves
HYC-610	610L	Glass door, 6 shelves
HYC-940	940L (Double door)	Glass door, 12 shelves
HYC-1378	1378L (Double door)	Glass door, 12 shelves
HETL-01	30- day Electronic datalogger (pack of 5)	Recording capacity is over 30days, interval is 6 minutes. LCD screen. Integrated sensor device can be placed in Cold Box or vaccine refrigerator

Please inquire about our ISO17025 accredited Temperature Mapping Service

## Angelantoni X-cold Laboratory Fridges and Freezers

HSE Framework Project 9845 Lot 7 and 11



Available in +4°C fridge and -20°C freezer models

- Internal chamber is made of AISI 304 polished stainless steel with rounded corners for easy cleaning
- Solid or triple anti-moisture glass door options
- Spherical rollers for easy moving
- Supplied with 3 height adjustable grid shelves as standard (700L models) or 6 shelves (1500L models)
- 23mm sidewall access port for external temperature monitoring sensors
- Mean energy consumption 0.2 KW/h
- APC7 microprocessor controller

### Main features of the X-Cold controller

#### Cooling system section

- Temperature setting and control
- Cooling system ON/OFF
- ECOMODE to reduce the electrical consumption
- Automatic and programmable defrost
- Manual defrost
- Driving of internal ventilation
- Door sensor
- Internal LEDs light ON/OFF or automatic

#### Alarm section

- Hi-Low temperature, visual and acoustic
- Delayed door ajar alarm
- Power outage or out of range
- Compressor failure
- Battery too low
- External free contacts for remote alarms
- Internal fan failure

Automatic data recording up to ten years' time with 30 seconds intervals for all the following parameters:

- Date and hour
- Temperatures of all installed probes
- Temperature set point value
- Line voltage
- Power consumption in VA
- Battery level
- Alarms levels or warning conditions if any, Failure kind, Warning messages, Delta T between real and set
- Full statistics data of the compressor conditions

Code	Specifications
13909_ACP7	X-COLD 700/1 TN, 700 litres, +4°C, ACP7 Controller, 3 shelves, solid door
13915_ACP7	X-COLD 700/1 TN-GL, 700 litres, +4°C, ACP7 Controller, 3 shelves, glass door
13916_ACP7	X-COLD 1500/2 TN, 1500 litres, +4°C, ACP7 Controller, 6 shelves, 2 solid doors
13914_ACP7	X-COLD 1500/2 TN-GL, 1500 litres, +4°C, ACP7 Controller, 6 shelves, 2 glass doors
13917_ACP7	X-COLD 700/1 BT, 700 litres, -20°C, ACP7 Controller, 3 shelves, solid door
13918_ACP7	X-COLD 1500/2 BT, 1500 litres, -20°C, ACP7 Controller, 6 shelves, 2 solids doors

Please inquire about our ISO17025 accredited Temperature Mapping Service

## Laboratory Freezers

HSE Framework Project 9845 Lot 8 and 9



## Haier -25°C Biomedical Freezers

- Temperature range -10°C to -25°C
- Microprocessor controller
- High/Low temperature and sensor error alarm
- Door Lock
- Available in 92L under-bench (657\*685\*1665mm) and 262L (700\*705\*1665mm) size options.

Code	Specifications
DW-25L92SF	-25°C Upright Internal Spark-Free Laboratory Freezer, 92L, CE, ATEX
DW-25L262	Direct Cooling Series -25°C ULT Upright Freezer 262L CE, ISO



# LIEBHERR

## Liebherr Mediline LGUex 1500 -20°C freezer

- Lab freezer with Comfort electronic controller
- 139L/310L capacity
- Temperature range -9°C to -26°C
- Optical and acoustic power failure alarm



Code	Specifications
LGUex 1500	Liebherr Under-bench -26°C Freezer, 139L
LGex 3410	Liebherr Under-bench -26°C Freezer, 310L

Please inquire about our ISO17025 accredited Temperature Mapping Service



## Haier ULT Freezers

HSE Framework Project 9845 Lots 18-20



Code	Specifications
Haier DW-86L338A	-86°C ULT Upright Freezer 338L CE, ISO
Haier DW-86L388J	-86°C ULT Upright Freezer 338L CE, ISO, Green Generation
Haier DW-86L486	-86°C ULT Upright Freezer 486L CE, ISO
Haier DW-86L490J	-86°C ULT Upright Freezer 490L, Split Door, CE, ISO, Green generation
Haier DW-86L578J	-86°C ULT Upright Freezer 578L CE, ISO, Green generation
Haier DW-86L728J	-86°C ULT Upright Freezer 728L CE, ISO, Green generation
Haier DW-86L828J	-86°C ULT Upright Freezer 828L CE, ISO, Green generation

## DW-86L579BPT Salvum Ultimate energy efficient ULT freezer with Touchscreen

**New dynamic touchscreen model features unique intelligent sample management system for easy, accurate, convenient and efficient sample storage**

### Key Features

- Smart full-size touch screen
- HC & variable frequency drive refrigeration system for additional energy saving
- IoT software system
- Intelligent Frequency Conversion Technology
- Precise Temperature Control
- Super-Efficient Energy Saving
- Multilayers Sealing Structure
- Pressure Equalisation Port
- Improved Handle Design
- USB Interface
- Multi-Level Alarms



**Please inquire for other available sizes not available on the HSE Framework.**

**Also new in 2019 Smart Frequency Series, the most advanced freezer in the cooling industry because of the low energy consumption, low noise level and better temperature uniformity.**

**Available as 'BP' with keyboard controller and 'BPT' with touchscreen controller.**

**Please inquire about our ISO17025 accredited Temperature Mapping Service**

## SafeFAST Classic Class II A2 Biological Safety Cabinet

- Ergonomic Design
- Real Laminar AirFlow: Frontal screen 7° sloped as well as back side wall to convey in unidirectional pattern the air flow.
- ECS® Eco Control System: Combining the use of AC motor-blowers and certified low pressure-drop filters, the new ECS® controlling system optimize power consumption, reducing CO2 emissions into the environment.
- Anti-Bacterial Coating prevents microbial contamination.
- Silent Operation
- External structure in epoxy powder coated cold-rolled steel for excellent corrosion resistance. Also available in AISI 304L stainless steel
- Removable work surface in AISI 304L consisting of sections for autoclaving/ sterilization procedures.
- Electrically operated vertically sliding safety glass sash window.
- Filtration: H14 HEPA/ULPA filters with an efficiency better than 99,995 % MPPS (EN-1822).
- Operation Condition: Air cleanliness in Class ISO 3 as per ISO:EN 14644-1.
- Optional removable UV lamp

**Also available as 'Premium' Version: Lowest Noise level and Power consumption models available on the market.**



Code	Description
F00001110000	SafeFAST Classic 209 (3ft)
F00001140000	SafeFAST Classic 212 (4ft)
F00001170000	SafeFAST Classic 215 (5ft)
F00001200000	SafeFAST Classic 218 (6ft)
F00024900000	SafeFAST Premium 209 (3ft)
F00025200000	SafeFAST Premium 212 (4ft)
F00025500000	SafeFAST Premium 215 (5ft)
F00025800000	SafeFAST Premium 218 (6ft)
FX0002124600	UV Lamp for SafeFAST Classic 209/212
FX0002154600	UV Lamp for SafeFAST Classic 215/218
FX0002094510	Epoxy powder coated modular stand for SafeFAST Classic 209 with castors
FX0002124510	Epoxy powder coated modular stand for SafeFAST Classic 212 with castors
FX0002154510	Epoxy powder coated modular stand for SafeFAST Classic 215 with castors
FX0002184510	Epoxy powder coated modular stand for SafeFAST Classic 218 with castors
	Commissioning including IQ/OQ documentation (subject to site survey)

**Optional accessories available: Stands, UV, taps, electrical outlets and more...**

**\*Please inquire for delivery costs**



## ChemFAST Classic – Constant Air Volume Fume Cupboards

- **Safety:** Possibility to choose the most suitable velocities for the removal of the various contaminants
- **Environment:** Constant velocity air flow rate that can be selected during the installation between 0,3 and 0,7 m/s. Optional filters suitable for retrofitting
- **Ergonomics:** Plenty of space beneath the cabinet for a ventilated safety box for the storage of reagents and opportunity to work sitting on a chair
- **Simplified control panel:** In order to continuously have under control the fundamental operation and safety parameters
- **Plugged IP66 sockets:** Because protection is needed when the socket is used. With these features the sockets can also be mounted inside the internal space of the cabinet



Code	Specifications
F0007000000	ChemFAST Classic 12
F0007030000	ChemFAST Classic 15
F0007060000	ChemFAST Classic 18
F0007090000	ChemFAST Classic 21
F0007110000	ChemFAST Classic 24

Filters are not included in price. Please inquire on filters required depending on application.

Drawdown available under HSE Project 10655

## SmartFast Laminar Airflow/ PCR Cabinet



**SmartFAST** are the new concept of compact ISO 3 vertical laminar flow cabinet which guarantee excellent decontaminated working area and particle-free conditions, especially designed for molecular biology applications. They guarantee and maintain excellent product protection factors by offering a positive pressure particle-free working area by virtue of the H 14 HEPA/ULPA filter with an efficiency better than 99,995 % MPPS (H14 - EN:1822). SmartFAST have applications in a wide range of disciplines such as: microbiology sterility tests, nucleic acids used in thermocycling, cell culture, sterile manipulations, molecular biology, DNA amplifications, PCR.

**Ergonomic Design:** The angled sloping (7°) front hinged safety-glass provides optimum visibility of all objects placed in the interior workspace.

**Economic and easy-to-place:** SmartFAST are the compact version of vertical laminar flow cabinet with overall width dimension of 830mm that allow to place the cabinet also in restricted spaces.

**ECS® Eco Controlling System:** The new ECS® microprocessor employs the latest innovative methods of integrated management of all principal functions of ventilation and

**Anti Bacterial Coating:** Exclusive Dupont™ ALESTA® anti-bacterial "Ag+ cations-based solution", capable to prevent microbial contamination of surfaces thereby inhibiting long term surface growth.

**High Level Lighting:** The safety glass side-windows with the ideal positioning and sizing of the light-system provide the highest level of luminosity to the work area.

**Easy handling and maintenance:** SmartFAST can pass through standard 800 mm wide door openings thanks to the overall depth of just 652mm. All service operations are available from the front of the cabinet.

Code	Specifications	Qty
F00012100000	SmartFAST <b>800mm</b> wide Vertical Laminar Airflow Cabinet	1
F00012200000	SmartFAST Mini Portable 600mm wide Vertical Laminar Airflow Cabinet	1
<b>Including:</b>		
FX0012146000	UV lamp for SmartFAST with aluminium front	1
FX0012149800	Automatic Regulator with full Digital Display and Anemometer for SmartFAST	1
DEL	Delivery	1
COMMISSIONING	Commissioning carried out by Isolation Technology	1

### Optional Extras:

FX0012145000	Epoxy powder coated modular stand for SmartFAST
FX0012145100	Epoxy powder coated modular stand for SmartFAST with castors
FX0012149500	Additional electrical socket
FX0011247100	Vacuum Tap
FX0011247200	Compressed air Tap
FX0011247300	Nitrogen Tap
FX0012140300	Exhaust A/C Filter without collar (for negative pressure unit)
FX0012140200	Exhaust HEPA Filter without collar (for negative pressure unit)
FX0012149900	Differential pressure gauge (Minihelic), factory fitted (on the internal rear panel)

# Hb A1c

## Ergonomics

The laboratory optimization consultancy service provides effective solutions that fit your needs: increased productivity, TAT management, hands-on time improvement, consolidation and workflow streamlining

## Flexibility

The HbA1c test can be added to a wide range of diagnostic tests on the same platform. This provides flexibility capable of meeting the needs of both small and large laboratories

## High resolution

The clear separation between Hb A1c and the most common hemoglobin variants guarantees results without analytical interference. The precise measurement of Hb A2 contributes to a better patient management

## Productivity

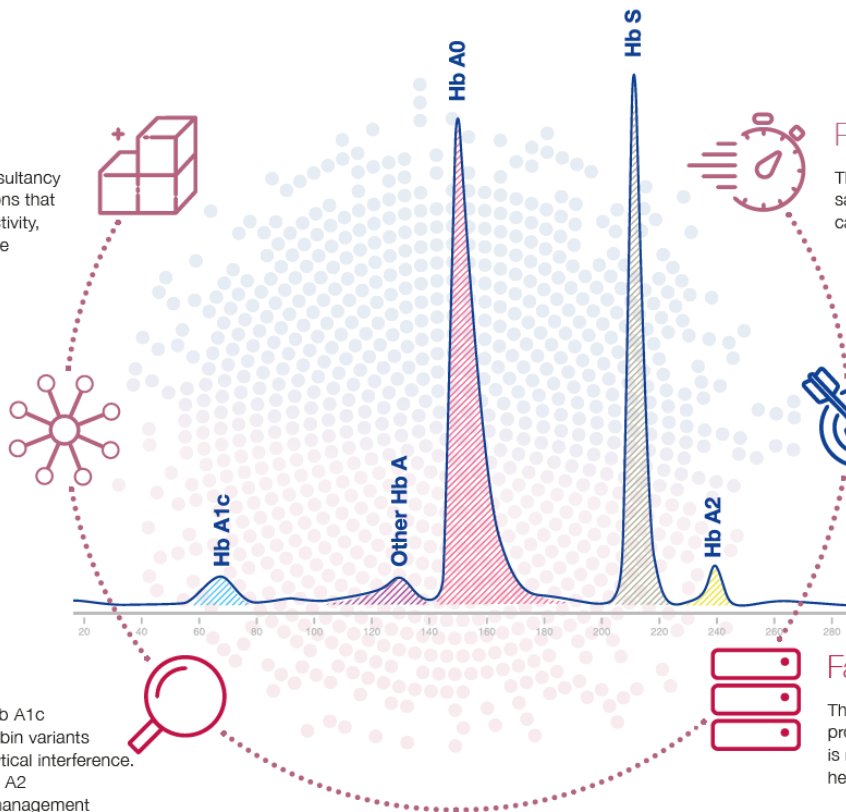
The simultaneous analysis of multiple samples supports productivity, which can be adapted to any workload

## Accuracy

Scientific publications and EQC programs reflect the excellent performances of the Sebia method, IFCC and NGSP certified

## Facilitated interpretation

Thanks to the clarity of the electrophoretic profiles, the time required for validation is reduced, even in the presence of hemoglobin variants or thalassemias



## Multiparametric instruments with large range of tests\*:



- Hb A1c (venous blood)
- Hb A1c (capillary blood)
- Serum Protein Electrophoresis (SPE)
- Urine Protein Electrophoresis (UPE)
- Serum Immunotyping
- Urine Immunotyping
- CDT/CDTIFCC
- Hemoglobin Electrophoresis (adult whole blood)
- Hemoglobin Electrophoresis (newborn on dried blood spot)\*



CAPILLARYS  
TERA MC3

sebia

## Capillarys 3 Terra

### CAPILLARYS 3, THE CAPILLARYS THAT REINVENTS CAPILLARYS

CAPILLARYS 3 is much more than a new instrument. It is a unique and exclusive automation program, designed to address the current and future needs of all laboratories.

CAPILLARYS 3 TERA, offers the enhanced throughput of a 12 capillaries system and a lateral access for a tube loader or a work cell configuration.

Several CAPILLARYS 3 TERA configurations are offered.

The standalone instrument can be further upgraded with:

- A high capacity tubes loader (up to 712 tubes).
- A work cell configuration, with up to 3 instruments. CAPILLARYS 3 TERA MC is able to process either very high volumes of the same test, or batches of different tests, providing full walk-away flexibility.

The CAPILLARYS 3 program offers a broad assay menu: Proteins, Immunotyping and HbA1c.

The CAPILLARYS 3 program was developed to fulfil all laboratories' requirements in total confidence in a fast-changing environment.

Code	Specifications
1246	CAPILLARYS 3 TERA





## MPW 352 Laboratory Centrifuge

- 18,000rpm, 30065 x g
- Maintenance-free, brushless drive motor
- Modern microprocessor controller provides for:
  - 99 operating programs
  - Pre-selection for rotational speed or RCF
  - 1 sec. intervals adjustment for time pre-selection
  - Time counting begins when push button start is pressed or rpm of the rotor reaches rotational speed set up in the program
  - 10 acceleration and deceleration curves
- Short spin button for quick spins
- Automatic rotor identification
- Error indication system
  - Imbalance
  - improperly chosen rotor
  - interruption centrifugation program



### Supplied Complete with

- 10352/2-56 Main body
- 12436 Swing-out rotor 4 x 200ml max 5,200rpm
- 13438C Buckets 200ml with PC caps
- 14110 Round carrier 7 x 9ml

(Total capacity 28 tubes)

Please inquire about other bucket and insert options to suit your tube types!

## MPW 380 Lab Centrifuge

- 18,000rpm, 30065 x g
- Maintenance-free, brushless drive motor
- Modern microprocessor controller provides for:
  - 99 operating programs
  - Pre-selection for rotational speed or RCF
  - 1 sec. intervals adjustment for time pre-selection
  - Time counting begins when push button start is pressed or rpm of the rotor reaches rotational speed set up in the program
  - 10 acceleration and deceleration curves
  - Temperature adjustment (MPW-352R-with cooling/RH-with cooling and heating);
- Short spin button for quick spins
- Automatic rotor identification
- Error indication system
  - Imbalance
  - improperly chosen rotor
  - interruption centrifugation program



### Supplied Complete with

- 10380/2-56 Main body
- 12870 Swing-out rotor 4 x 500ml (max RPM for MPW-380: 4 000, max RPM for MPW-380R: 4 300)
- 13833C Round bucket 500ml, complete with cap (PC)
- 14845 Round carrier 18 x 5ml (O 13,5x95mm)

(Total capacity 28 tubes)

Please inquire about other bucket and insert options to suit your tube types!



Life

# The ~~time~~ you're saving is precious

*Optimize antibiotic therapy earlier with  
faster MIC based susceptibility results*





## Accelerate Pheno™ system

With the Accelerate Pheno™ system MIC results are available 1-2 days faster than current methods, expanding the value of antimicrobial stewardship and driving better outcomes for patients with serious infections.

### Results for Optimal Therapy, 40 Hours Faster

Fully Automated antibiotic susceptibility results with MICs direct from positive blood cultures using the Accelerate Pheno™ system.

*Less work flow, less patient wait, shorter hospital stays.*

### Key Features:

Fast – Accelerate PhenoTest™ BC kit

#### Average time to results:

- Identification in less than 90 minutes.
- Antibiotic susceptibility in about 7 hours
- Fully Automated
- Entire process within 1 kit,
- 2 minutes to load & start Direct from sample
- No culturing for isolates
- No manual McFarland prep



## MMM Incucell ECO incubators

**Suitable for safe treatment of microbiological cultures. The INCUCELL line produces no noise and provides a very soft air flow within the chamber.**  
**Internal volume: 22, 55, 111, 222, 404, and 707 litres.**

- Working temperature range: from 5°C above ambient temperature up to 100°C
- The INCUCELL V line (with a fan) ensures quicker and more precise temperature distribution with small deviations (From 10°C above ambient temperature up to 100°C)
- Inner glass door
- Inner chamber: Stainless steel DIN 1.4301 (AISI 304)

### The ECO line:

- Intuitive control
- Microprocessor process control Fuzzy logic
- Acoustic and visual alarm
- LCD display - 3 inches (7,6 cm)
- Current values during the device operation are enlarged for easy readability
- Resistant foil keyboard with SoftTouch surface
- Keyboard lock to block unauthorised access – adjustable by multiple pressing
- Real time programming and cycling (ramps as optional equipment)
- Up to 9 programs, 2 segments for each program and up to 99 cycles.
- USB Host port for flash disc connection for easy export of the relevant data (optional equipment)



Code	Specifications
MC000220	Incucell 22 ECO
MC000221	Incucell 55 ECO
MC000222	Incucell 111 ECO
MC000223	Incucell 222 ECO
MC000224	Incucell 404 ECO
MC000225	Incucell 707 ECO

Please inquire re. delivery and mapping costs

## MMM Friocell Cooled Incubators

- Inner volume: 55, 111, 222, 404, 707 and 1212 liters
- Working temperature: From 0°C up to 100°C
- Refrigerant: R 134a (R449a)
- Manual defrosting control
- Inner glass door
- Inner chamber: Stainless steel DIN 1.4301 (AISI 304)



Code	Specifications
MC 000234	Friocell 55 ECO
MC 000235	Friocell 111 ECO
MC 000236	Friocell 222 ECO
MC 000237	Friocell 404 ECO
MC 000238	Friocell 707 ECO

Please inquire re. delivery and mapping costs

# MICROBIOLOGY

## GS Biotech CO2 Incubator Gold

### Key Features:

- Optimum chamber environment, profiled heating creates gentle circulation –no fan or HEPA filter.
- Seamless chamber, with rounded interior corners makes cleaning easy.
- Removable shelves are non-tip.
- Sealed inner glass door allows chamber viewing.
- Temperature range programmable from 4 °C above ambient to 50 °C.
- Infrared CO2 Sensor, with auto self-referencing function.
- CO2 range programmable from 0.2 to 20 %.
- Large, easy to read LCD display with LED backlight.
- Removable, seamless, stainless steel humidity reservoir.
- 25mm access port for cable pass-through etc.
- HEPA filtration for all incoming gasses.

*OPTIONAL: High Temperature Decon Cycle/ 4-Inner Door Option/Oxygen Control: 1-19% & 0.1-19%/Humidity Tray Warning/Cooling System*



Code	Specifications
GS0114LGOLD	14L Gold CO2 Incubator, Infra Red CO2 Sensor, Inner Door, 25mm Access Port, Data Logger & RS232 inc
GS0148LGOLD	48L Gold CO2 Incubator, Infra Red CO2 Sensor, Inner Door, 25mm Access Port, Data Logger & RS232 inc
GS01170LGOLD	170L Gold CO2 Incubator, Infra Red CO2 Sensor, Inner Door, 25mm Access Port, Data Logger & RS232 inc

Please inquire re. delivery and mapping costs

## HIGH-PLEX MOLECULAR DIAGNOSTICS SYSTEM

- ▶ Medium throughput
- ▶ Multiplexed panels
- ▶ Automatic sample processing and results calling
- ▶ Compact design
- ▶ Up to 24 samples per run

## Bugbox - Precise, stable anaerobic atmosphere in a compact footprint

- Quick and easy direct access with the gloveless, cuffed Ezeeyin™ system.
- Single plate entry system (SPES) - standard on most models, this mailbox-like slot allows quick side entry or exit of individual plates, bypassing the interlock cycling process.
- Read plates easily without exposure to oxygen - energy-saving lighting provides perfect illumination.
- Petri dish holders for quick plate transfer included.
- Can be built with I-CO2N2IC gas mixing system to offer a microaerophilic environment in which to grow facultative anaerobes.
- Optimum cell environment
- Accurate temperature control - from ambient + 5°C to 45°C.
- Accurate and automated humidity control - no dry spots.
- Palladium catalyst maintains anaerobic environment - plus anaerobic color-indicator strips verify anoxic conditions.
- Ezee Sleeve™ system allows access without disrupting atmosphere within the chamber.
- Economic and reliable long-term savings
- Standard dual gas operation - low gas consumption and running costs.
- Lower cost per plate compared to anaerobic jars.
- Minimal maintenance and downtime - with annual or biennial preventative maintenance kits available.



### Ultimate Control for Optimum Cell Environment

- Accurate temperature control—from ambient + 5°C to 45°C.
- Accurate and automated humidity control—no dry spots.
- Palladium catalyst maintains anaerobic environment—plus anaerobic color-indicator strips verify anoxic conditions.
- Ezee Sleeve™ entry system allows access without disrupting the atmosphere within the chamber.

Code	Specifications
C0105	<p>Bugbox Anaerobic Workstation 220-240V/50Hz</p> <p>Single Plate Entry System (SPES)</p> <p>Detox advanced carbon filtration system, Ezee Sleeve™ direct hand entry system, Energy-saving fluorescent illumination, Inspection spot lamp, Low gas alarm, Automatic humidity control, Palladium catalyst, Anaerobic indicator strips, Petri dish holders, Wire racks</p> <p><b>Includes 2-year warranty</b></p>

Please inquire re. delivery and mapping costs

# MICROBIOLOGY

## VX-200 Lab Vortex Mixer

### Key Features:

- Powerful, reliable motor
- Small portable footprint
- Optimized counter-balance to minimize vibration and movement at high speeds
- Operated in touch or continuous mode
- Circular orbit for effective vortexing even at low speed
- Standard CombiCup™ accepts microplates, microtubes, PCR strip tubes, 15 and 50 ml tubes and blood tubes



Code	Description
S0200-230V	VX-200Vortex Mixer with Combi-Head
	Choice of optional attachment heads for 24 x 1.5/2ml tubes or 1 x microplate or 8 x 15/6 x 50ml tubes

Please inquire re. delivery and mapping costs

## PS 1000 Mini PCR Plate Spinner

- Unique compact design (6 x 6 in)
- Quickly spins down droplets and condensation (max speed of 2,500 rpm)
- Use before and after thermal cycling to increase PCR yield
- Accepts skirted, non-skirted and all standard PCR plates
- Less than 1/4 the size of most mini PCR plate centrifuges

Code	Description
C1000-230V-UK	Plate Spinner Centrifuge, 230V
C1000-ADAPT	Adapter for 1/2 plates, strips and tubes

Please inquire re. delivery and mapping costs



## Labnet Prism™ Mini Centrifuge

### Key Features: Compact design for quick spin applications

- Excellent air-flow, to protect temperature-sensitive samples
- New rotor designs for increased sample capacity (max speed of 6,000 rpm)
- Self-opening lid enables single-handed operation
- Quick release rotor hub allows for easy rotor exchange
- Built in electronic braking system for rapid sample processing

Code	Description
C1801-230V-UK	Prism Mini Centrifuge complete with 8 place 1.5/2.0ml rotor & 4 place PCR strip rotor 230V UK cord

Please inquire re. delivery and mapping costs





Drawdown available under HSE Project 12866

## Giotto Automated Stainer

Automatic stainer for histological, cytological and histochemical staining on slides, ideally suited for Anatomic Pathology labs.

**S3, Simultaneous Staining Scheduler:** innovative software for an optimized management of racks, ensuring staining priorities and timings- reduces waiting time between staining!

**Reagent level detection system** constantly maintains reagents and stains at an adequate level-refill warning

**STAIN ID technology:** technology that automatically identifies rack handles and related protocols

**Noiseless robotic arm highly efficient** allows swift and precise movement and reproduces manual racks movement maintaining cleaner both reservoirs and instrument

### Water Pressure System:

sensor reporting a possible missing water flow-prevents failure of haematoxylin differentiation in running water

### Smart LED System:

system status controlled by a smart system that warns operator with acoustic and visual signals

### 40 Reservoirs:

continuous loading, 4 IN and 4 OUT stations, 450ml capacity

### Dimensions (WxDxH):

1040x620x770 mm



Code	Specifications
SDSGT9000	<p>Giotto Automatic Stainer including:</p> <p>Reagent reservoir SDSGT0003 (X36)</p> <p>Water reservoir SDSGT0035 (X4)</p> <p>Reservoirs cover SDSGT0070</p> <p>Rack in plastic for 30 slides 53CV30 (X10)</p> <p>Handle for 30 slides rack, white GP18114 (X10)</p> <p>Activated charcoal cells, inox frame SDXFG0001</p> <p>External pipe connector for aspiration SDSGT0042</p>
LC001	Cristallo Liquid Coverslipper 1L (Approx. 800 slides per litre)

Complete range of stains and staining sets available from DIAPATH



# CELLULAR PATHOLOGY

## Tiziano - Ultra Compact Automatic Stainer



- Ready-to-use staining kit
- 8 stations in total, 75 ml each (7 stations for staining reagents/1 washing station • Racks with capacity for 10 slides)
- Productivity of approx. 200 slides/hour for intraoperative pathology consultation, H&E protocol
- Productivity of approx. 20 slides/hour related to the type of protocol
- Pre-set and tested protocols with the possibility to change them according to lab's need
- Programming of immersion time from 1 sec to 99 min
- Colour touchscreen monitor
- Acoustic signals
- 4 agitation modes
- 2.5L fill/drain tanks
- Open system compatible with common reagents on the market

Code	Specifications
SDSTZ9000	Tiziano - Ultra Compact Automatic Stainer Supplied complete with Interface tablet SDSTZ0001 Rinsing tank SDSTZ0002 Set 7 staining trays SDSTZ9003 Supplied water tank with pipe SDSTZ9008 Rinsing water tank with pipe SDSTZ9009 10 slides rack SDSTZ0005

## Diapath Canova Cold Plate



- Great capacity in a minimum space thanks to paraffin blocks arrangement on 2 levels.
- Equipped with perimetric groove for water collection after defrosting.
- Digital thermoregulatory to set and display the working temperature.
- Capacity: Approx. 110 cassettes of standard dimensions (55 per plate)
- Working Temp: from -20°C to -1°C
- Dimensions: Whole 460 x 680 x 290mm wxdxh
- Cold plates: 320 x 220mm wxd

Code	Specification
SDSPF9000	Canova Cold Plate Module 230V

## Cole Palmer MH8517 Paraffin section flotation bath

### Key Features:

- Temperature control as opposed to arbitrary power control
- Improved heat up rates 45°C nominal temperature for 2.25 litres water, attained within 40 minutes
- Improved temperature stability of  $\pm 0.5^{\circ}\text{C}$  (30°C to 70°C)
- Overheating prevented with new temperature control mechanism
- PTFE black interior and powder-coated white aluminium exterior
- Virtually maintenance-free and extremely easy to clean
- Black interior provides high contrast for viewing samples



Code	Description
MH8517	Paraffin Section Flotation Bath 230V UK & EU Plugs
AZ92141	Lid for Section Flotation Bath MH8517

# CELLULAR PATHOLOGY

## Diapath Galileo AUTO Series 2 - Fully automatic microtome

- Fully automatic rotary microtome: can be used both for automatic and semi-automatic sectioning
- Feed motion step via step motor
- Handwheel equipped with **HHS "Handwheel Helpful System"**: the innovative system gives a smooth assisted-handwheel running with a complete control. HHS technology enables user comfort with a safe and smooth sectioning improving operator's work conditions
- **Intuitive Remote control**, Galileo Series 2 microtomes are equipped with intuitive remote control and knob for Speed Control adjustment, integrated LCD display.
- Safe automatic starting with double approval. The system guarantees high standards for user safety during sectioning
- Automatic sectioning function for single, continuous, multiple and rock mode
- Automatic retraction function with the possibility to set the desired thickness
- Automatic sectioning with **dynamic control pedal**, 2 programmable modes: **Normal or Safe**. Using the dynamic control pedal Start/Stop function and sectioning speed setting available
- Knife holder with finger guard and blade removal without contact for the user
- Handwheel with **electronic lock** to easily switch from automatic to manual cutting
- Ergonomic retractable handwheel with exclusive electronic lock in every position, avoiding accidental movement that could be dangerous for the user
- **Three object clamps** for cassettes (standard, supermega and universal) with **quick release system**
- **Micrometric orientation system** of the specimen with **zero position** indicator
- Practical **backlit panel** for an immediate backlit or overlapping section evaluation
- Emergency stop push button in ergonomic position



### PRO configuration (optional)

Galileo Series 2 microtomes with PRO Configuration allow recording sectioning/trimming position of all specimens with the possibility to set it again using the identification system Multiblocks ID.

Code	Description
SDSGA9001	Fully automated microtome Galileo AUTO including Low Profile Knife Holder, Galileo Series SDSPL9006N
05500N	Diacut 35 Ultra Plus Low Profile Blade (50)



## Diapath Vented Incubator

- Forced ventilation oven for Anatomic Pathology.
- Ideal for slide drying and dewaxing
- Drying of a full-loaded basket in 20 minutes at 70°C
- Can hold up to 12 baskets or 10 trays simultaneously (depending on the size).

Code	Specification
SDSLC0000	High capacity ventilated dryer

## CombiFill T-Filler Tissue Fixator

T-FILLER has been designed **to completely eliminate operator contact with formalin.**

Equipped with a dosing unit, **integrated and closed inside the chamber**, allows filling with a precise **weight/volume ratio** and at the same time **sealing suitable containers** where anatomical samples are housed, enclosing all the formalin vapours, first in a special antibacterial filter, then into activated carbon cells and then outside of the laboratory through an exhaust pipe, **thus preserving the operator from contamination risks or possible exhalations.**

The sealing of the container guarantees safety even in the transport stages, protecting the contents and **avoiding spills even in the event of fall or accidental overturning of the same.**

T Filler is extremely adaptable and allows the operator different choices, **through the large touch screen control panel:**

- Hermetically sealed container in the ambient atmosphere
- Container sealed in modified protective atmosphere
- Container sealed with formalin dosed in ambient atmosphere
- Container sealed with formalin dosed in low vacuum

### FIXATION AND SEALING THROUGH FORMALIN DOSAGE:

- Guarantees the correct weight / volume ratio of formalin with rigid containers easy to handle even with large volumes, avoiding any spillage and keeping highest level of safety for the operator and the sample, of 0.6L, 0.9L, 2.4L, 5.7L
- Insertion of the container inside the hermetic chamber through a removable drawer.
- Automatic sealing of the container



Code	Specification
RI660200	T-Filler
RICTF006	Container 600 ml. with rigid lid - IVD certified (250)
RICTF009	Container 900 ml. with rigid lid - IVD certified (250)
RICTF024	Container 2,4 Lt. with rigid lid - IVD certified (60)
RICTF057	Container 5,7 Lt. with rigid lid - IVD certified (50)
TCFORM20	Buffered formalin 10% tamponed Politainer Box 20 Lt (20)

# CELLULAR PATHOLOGY

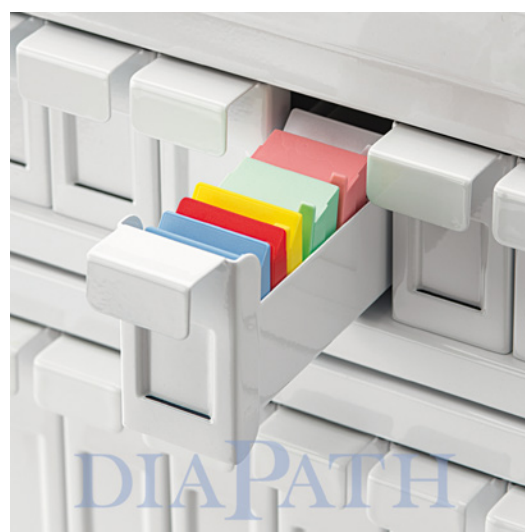
## Microglass and MicroBlock Storage Systems

Stackable filing cabinet systems for slides and blocks.

- Space saving!
- Dimensions Microglass 485 x 480 x 152mm (W x D x H)
  - 14 drawers/5000 slides
  - Microblock 485 x 480 x 100mm (W x D x H)
  - 14 drawers/850 blocks
- Total opening drawers
- Great protection
- Modular system: top cover and base sold separately



Code	Description
045001	Microglass for slides
040801	Microblock for blocks
040041	Lift out spacer for slides
040010	Base for Microblock and Microglass
040040	Top cover for Microblock and Microglass
040020BR	Wheeled plinth base for Microblock and Microglass

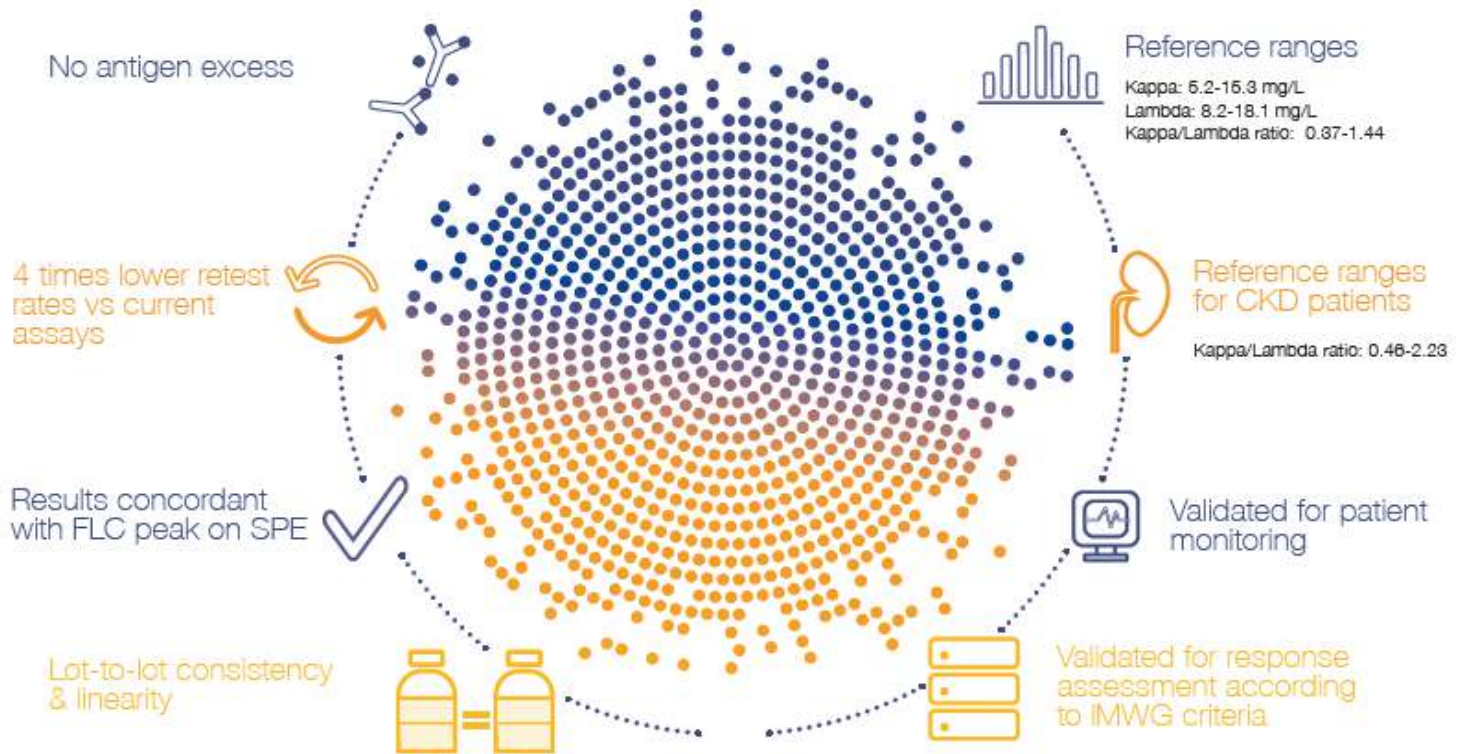




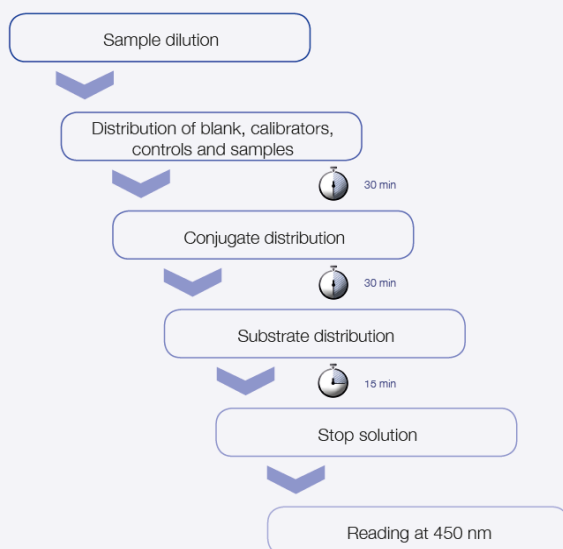
# Analytical & Clinical added value of Sebia FLC

## Analytical

## Clinical



## Sebia FLC: principle & method



Complete automation

Sebia FLC compatible with your existing ELISA workstation

Available on das AP22 ELITE



## KIRSCH ESSENTIAL Blood Bank Fridges

### HSE Framework Project 9845 Lots 13-15

- Forced-air cooling
- Optimized ventilation plates to minimize interior temperature differences
- Easy-to-read LED temperature display
- Automatic defrosting and melt water evaporation
- Microprocessor based control
- **Excellent Temperature Uniformity!**
- Optical and acoustical alarm in case of temperature deviation
- Potential free contact for alarm transmission
- Easy clean Ventilation grid
- Lockable double pane glass door
- Low-noise compressor for ultra- silent cooling



Model	Specification
Kirsch Blood Bank Refrigerator Essential 100	2 drawers supplied/Max 3 20 bags per drawer approx
Kirsch Blood Bank Refrigerator Essential 280	3 drawers supplied/Max 4 30 bags per drawer approx.
Kirsch Blood Bank Refrigerator Essential 460	4 drawers/Max 5 33 bags per drawer approx.
Kirsch Blood Bank Refrigerator Essential 700	5 drawers/Max 7 50 bags per drawer approx.



## KIRSCH FROSTER Plasma Freezers

### HSE Framework Project 9845 Lots 16/17

- Temperature setting -32°C
- Aluminium drawers
- Comfort controller
- Microprocessor controlled temperature and thawing
- Regulation to maximize temperature stability
- Battery for power failure alarm
- Heated door frame
- Re-circulating air-cooling
- Rapid defrosting
- Accessible control panel with key switch
- Easy-to-read LED temperature display
- Optical and acoustical warning including power failure alarm
- Minimum/maximum temperature memory
- RS485 interface for computer- based temperature documentation



Model	Specification
FROSTER BL-178	3 drawers
FROSTER BL-330	4 drawers
FROSTER BL-530	5 drawers
FROSTER BL-730	5 drawers



## Barkey Plasmatherm

**Hygiene during thawing out and heating - because transfusion safety allows no compromises**

- Contact-free water bath
- Universal application for plasma, blood, thawing-out of stem cells, continuous operation and user-specific settings
- Visible and noticeable hygiene due to smooth and enclosed surfaces in addition to rounded corners and edges
- Leak checks = contamination and infection protection for personnel and patient
- Menu-controlled user guidance- direct selection of blood or plasma programme
- Large display with plain text display
- Fully plastic construction = corrosion resistant!



Model	Specification
212.10054	NEW Plasmatherm 230V with OctoPlas validated software

## Biohit Picus® Electronic Pipette

The Most Sophisticated and Ergonomic Pipette Ever!

Enjoy your work with the award winning Picus®! Its highly sophisticated and completely ergonomic design will reduce your risk of repetitive strain injury (RSI). Fully electronic operation ensures the maximum accuracy and repeatability of your results.



Code	Specification
735021	Picus Electronic Pipette, 1-channel, 0,2 - 10 ul, Universal AC Adaptor
735041	Picus Electronic Pipette, 1-channel, 5 - 120 ul, Universal AC Adaptor
735061	Picus Electronic Pipette, 1-channel, 10 - 300 ul, Universal AC Adaptor
735081	Picus Electronic Pipette, 1-channel, 50-1000 ul, Universal AC Adaptor
735101	Picus Electronic Pipette, 1-channel, 0,1-5 ml, Universal AC Adaptor
735111	Picus Electronic Pipette, 1-channel, 0,5-10 ml, Universal AC Adaptor
725620	Linear Stand

## Delta T Blood Transport Bags

### BlueBags for blood transport at storage temperature

- Transport at storage Temperature-no cold shock!
- Robust Nylon and insulation material
- Designed as insulation for Tempshell Elements and Frames
- Available in 10L (4 units), 16L (5 units) and 30L (10 unit options)
- Tempshells available in 4°C (blood transport), 22°C (platelet transport) and 30°C
- Bag seals available.



### Size Option

10L Bluebag incl. 1 pair Tempshell Elements and 3 pairs of Frames

16L Bluebag incl. 1 pair Tempshell Elements and 4 pairs of Frames

\*Please specify 4°C/22°C or 30°C Tempshells when ordering

## Constant Temperature Transport Coolers

This transportation box is for blood banks, blood collecting stations and for transporting biological products such as blood, medicines, samples and reagents.



### HZY-5B model:

- Passive cooling with a size suitable to be placed into the refrigerator partition for pre-cooling
- Storage Temperature 2-6°C (Operating Temperature 2-10°C)
- Warm up time 3hrs (from 32°C ambient)
- PCM ice rafts and a condensation point of 4°C to prevent the articles in the refrigerator from being damaged by over-cooling
- Electromagnetic lock design and background software granting permissions to allow unlocking by scanning the QR code and provide security assurance for the stored items in the refrigerator



### HZY-8Z model:

- With optimized semiconductor cooling to maintain the temperature inside the cabinet between 2 to 6°C after being powered up
- Storage Temperature 2-6°C (Operating Temperature 2-10°C)
- Warm up time 2hrs (from 32°C ambient)

Code	Specification
HZY-5B	Passive cooling, 5 bag capacity
HZY-8Z	Semi-conductor cooling, 8 bag capacity
HZY-15Z	Semi-conductor cooling, 15 bag capacity

# Seeing Beyond Limits

Brilliant performance. Clear results.



**ECHO  
LUMENA™**

**NEO  
IRIS™**



Immucor Echo Lumena and NEO Iris are available for sale in Europe.

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.



**Haier Biomedical**



**Barkey**



**DIAPATH**