

power supply **dry bath**
gel documentation system
electrophoresis system **rocker**
thermal cycler **agarose**
water bath **uv pcr cabinet** ultrasonic bath **culture flask**
pipette controller **incubator** **rotator** **oven**
vortex mixer **petridish** **micro centrifuge tube**
serological pipette **metaphor agarose**
centrifuge tube **hot plate** **densitometer** **chiller** centrifuge
thermo shaker
magnetic stirrer
uv transilluminator
cryogenic vials **pipette tips** **culture plate**
orbital shaker **bottle top filters**
micropipette

Business Partners

CORNING
LSE™ Products



Labnet
Labnet International,

M Milwaukee



BLUE-RAY
BIOTECH

Grant

BE ADAM

Lonza

CORNING

ThermoFisher
SCIENTIFIC



Corning® Lambda™ Plus Single-Channel, 8-Channel and 12-Channel Pipettors

- Highest levels of accuracy, reproducibility, and comfort.
- Smooth plunger movement and extremely low pipetting forces.
- Designed to maintain their calibration, after repeated use and autoclaving.
- Factory calibrated to strict ISO 8655 standards
- 3-year warranty
- Fully autoclavable and UV resistant
- Designed for universal fit with all common brands of pipet tips
- Adjustable tip ejector



Lambda Plus Single-Channel Pipettor

Cat No	Range (µL)	Accuracy	Precision	Tip (µL)
4070	0.2-2.0	±12 to ±1.5%	<6.0 to <0.7%	10
4071	0.5-10	±4.0 to ±0.5%	<4.0 to <0.4%	10
4072	2-20	±4.0 to ±0.8%	<3.0 to <0.4%	200
4073	10-100	±1.6 to ±0.8%	<0.8 to <0.3%	200
4074	20-200	±1.2 to ±0.6%	<0.6 to <0.3%	200
4075	100-1,000	±1.0 to ±0.6%	<0.45 to <0.25%	1,000



Lambda Plus 8-Channel and 12-Channel Pipettor

Cat No	Range (µL)	Channels	Accuracy	Precision	Tip (µL)
4080	1-10	8	±8.0 to ±2.0%	<6.0 to <1.2%	10
4081	5-50	8	±4.0 to ±1.6%	<2.5 to <0.6%	200
4082	20-200	8	±3.0 to ±1.0%	<1.5 to <0.6%	200
4083	50-300	8	±1.6 to ±1.0%	<1.5 to <0.6%	200/300
4084	1-10	12	±8.0 to ±2.0%	<6.0 to <1.2%	10
4085	5-50	12	±4.0 to ±1.6%	<2.5 to <0.6%	200
4086	20-200	12	±3.0 to ±1.0%	<1.5 to <0.6%	200
4087	50-300	12	±1.6 to ±1.0%	<1.5 to <0.6%	200/300



Corning® Stripettor™ Ultra Pipet Controller

This light, ergonomic, motorized pipet controller is designed for use with glass and plastic serological pipets from 0.5 to 100 mL.

- Ergonomic, comfortable design
- Wall hanger, charging stand, charging power supply, and spare filters included
- Variable speed range and pressure sensitive control buttons
- Settings for blow out or slow "gravity" dispensing
- Compatible with pipets from 1 mL to 100 mL
- Includes hydrophobic, PTFE 0.2 µm filters
- Fast aspiration and dispensing speed at setting: 25 mL in 2.5 seconds Li-Io
- LCD display for continuous visualization of speed, modes, and battery status
- Colored nose pieces for user or application identification
- Well positioned function buttons



Cat No	Description
4099	Corning Stripettor Ultra Pipet Controller, with universal power supply, three 0.2 µm filters, 3 colored nose pieces and wall hanger



Corning® LSE™ Mini Micro centrifuge

Your personal bench top instrument designed for quick spin downs of micro-samples with simple and convenient operation.

- Compact, light weight and easy-to-use
- Close the lid to start, press the lid release button to stop
- 8 x 1.5/2.0mL rotor and 4-place strip tube rotors included
- Fixed speed of 6000 rpm

Cat No	Description
6766	Corning® LSE™ Mini Micro centrifuge.



Corning® LSE™ Vortex Mixer

The unit features a powerful, counter-balanced motor drive

- Continuous or "touch" mix modes
- Variable speed (0-2850 rpm) for gentle to vigorous mixing
- Cup head for all standard micro tubes and centrifuge tubes available
- Touch and continuous mix modes resistance

* Attachments will be ordered separately

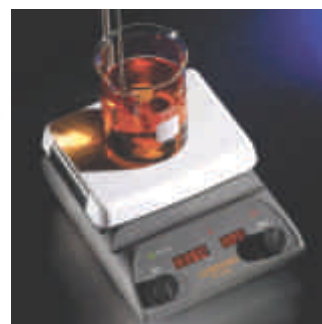
Cat No	Description
6776	Corning® LSE™ Vortex Mixer with Standard Tube Head
480100	LSE Optional Head, 3, for Processing Larger Numbers of Tubes
480101	LSE Optional Head for 24 x 1.5/2.0 mL Tubes, 24 x 0.5 mL Tubes
480102	LSE Optional Head for 1 Microplate or 64 x 0.2 mL Tubes or 8 x 0.2 mL Tube Strips
480103	LSE Optional Head for 8 x 15 mL and 8 x 12/13 mm Diameter Tubes
480104	LSE Optional Head Attachment for 6 x 50 mL Tubes
480105	Optional Head for 12 x 1.5/2.0 mL Tubes, Head Horizontally
480106	LSE Optional Head for 4 x 15 mL Tubes, Held Horizontally
480107	LSE Optional Head for 2 x 50 mL Tubes, Held Horizontally



Corning® LSE™ Digital Stirrer , Hotplate and Stirring Hot Plate

- All models include Pyrocera™ top and a two-year warranty.
- Twin display shows both temp. and stirring speed (In case of Stirring Hot Plate)
- Temp. accuracy within $\pm 2^{\circ}\text{C}$ and stirring speeds at $\pm 5\%$ of the speed
- Angled front panel and large knobs minimize damage from spills
- Temp range 5-550°C, speed range 60-1150 rpm

Cat No	Description
6798-400D	Corning® 5 x 7 Inch Top PC-400D Hot Plate with Digital Display
6798-600D	Corning® 10 x 10 Inch Top PC-600D Hot Plate with Digital Display
6798-410D	Corning® 5 x 7 Inch Top PC-410D Stirrer with Digital Display
6798-610D	Corning® 10 x 10 Inch Top PC-610D Stirrer with Digital Display
6798-420D	Corning® 5 x 7 Inch Top PC-420D Stirring Hot Plate with Digital Display
6798-620D	Corning® 10 x 10 Inch Top PC-620D Stirring Hot Plate with Digital Display



ProBlot™ Rocker 25 & 35

- Different size Gel Rocker
- Single and double platform models
- Durable construction with stainless steel platforms
- Variable tilt angle for a wide variety of applications
- Ideal for staining gels and membranes
- Safe for cold room or incubator use



Orbit™ 1000 Digital Shaker

- Four platforms for large dishes, bottles, trays and flasks
- Accurate, digital speed control
- Durable stainless steel platforms
- Safe for cold room or incubator use
- Speed Range : 20 - 300 rpm
- Motion/orbit size : Circular, 19 mm
- Maximum capacity : 4 x 1L, 5 x 500 mL, 9 x 250 mL, 16 x 125 mL



AccuBlock™ Digital Dry Bath

- Precise microprocessor control
- Broad temperature range from ambient +5° to 150°C
- Large digital display
- Easy user calibration
- Single and Dual block models
- Temp Increments : 0.1°C
- Temp Resolution : 0.1°C
- Temp Uniformity : ±0.2°C



ProBlot™ 6/12 Hybridization Ovens

- Precise temperature control and stability for reproducible results
- Variable speed, rotisseries hold 35mm bottles and 50mL tubes
- Durable stainless steel interior
- Optional accessories include rocking platforms and different sized rotisseries
- Rotisserie speed : 4 to 20 rpm
- Temp Range : Ambient +5° to 80°C
- Temp Resolution : 0.1°C
- Temp Uniformity : 0.5°C



311DS Digital Shaking Incubator

- Exclusive SmartCheck temperature control system
- Broad temperature range to meet a wide variety of applications
- Gasketed door with large, integral viewing area
- Temp Range Ambient +5° to 80°C
- Temp Uniformity ±0.25°C
- Temp Accuracy ±0.1°C
- Shaker speed 20 - 300 rpm
- Timer 0-99 min or continuous
- Shaker orbit 19 mm

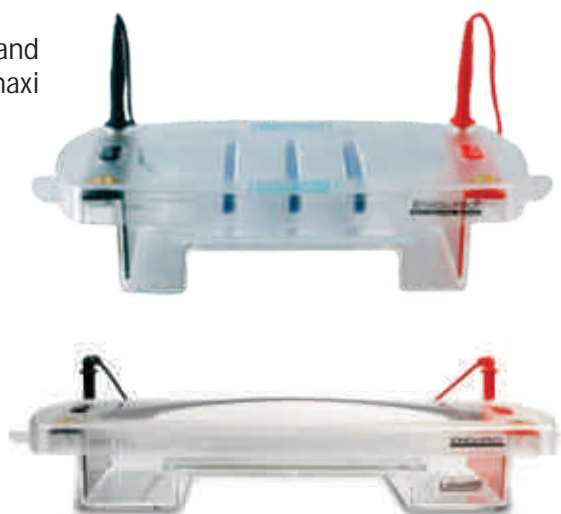


Enduro™ Horizontal Gel Boxes

Enduro Horizontal Gel Boxes have been designed for ease of use, safety and durability. A variety of sizes are available, from a mini gel system to a large maxi gel system that can accommodate as many as 450 samples in a single run.

- Molded, durable construction
- Rubber gates for easy, tapeless gel casting
- Adjustable height combs
- Loading guides aid in well visualization

Cat No	Product Description
E0160	ENDURO™ GEL XL
E1007-7	ENDURO™ 7.7 HORIZONTAL GEL BOXES
E1007-10	ENDURO™ 7.10 HORIZONTAL GEL BOXES
E1010-10	ENDURO™ 10.10 HORIZONTAL GEL BOX
E1015-10	ENDURO™ 15.10 HORIZONTAL GEL BOXES
E1015-15	ENDURO™ 15.15 HORIZONTAL GEL BOXES
E1020-20	ENDURO™ 20.20 HORIZONTAL GEL BOXES



Enduro™ Modular Vertical PAGE System

Labnet's Enduro Vertical PAGE System is modular - allowing PAGE, electroblotting and 2D gel electrophoresis to be carried out in the same tank, simply by changing the inserts.

- Modular Design
- PAGE, Electroblotting and 2D Electrophoresis
- Quick and easy set up
- Wide range of accessories



Enduro™ Power Supplies

Enduro power supplies meet a wide range of applications for DNA, RNA and protein electrophoresis as well as blotting. Designed with safety in mind, they are loaded with the features that today's research applications. Four Enduro models are available to meet your needs.

Cat No	Product Description
E0303	ENDURO 300V,90W,500mA Power Supply
E0500	ENDURO 500V,300W,800mA Power Supply
E0304	ENDURO Mini 300v,60W,400mA Power Supply
E0203	ENDURO 250V,300W,3000mA Power Supply



MultiGene™ OptiMax Thermal Cycle

- Unique Flexible Programming with FlexTemp™ technology
- Fast ramp rates 5°C heating / 3.5°C cooling
- Simple user interface
- No condensation after overnight cooling at 4°C
- 3 Year Warranty



ENDURO™ UV Transilluminators

It represent a great new imaging product true to ENDURO™ name. These UV transilluminators have been designed for rugged use and durability with exceptional performance.

- Compact size with 21 x 26 cm viewing area
- Available in single or dual wavelength models
- Unique heavy duty hinge design can be held in place at any angle for gel cutting
- UV shield fully protects user from UV light
- Uniform UV Black Glass provides improved imaging contrast



Cat No	Product Description
U1001	ENDURO UV Transilluminator with 302 nm wavelength
U1002	ENDURO UV Transilluminator with 302 nm and 365 nm wavelength

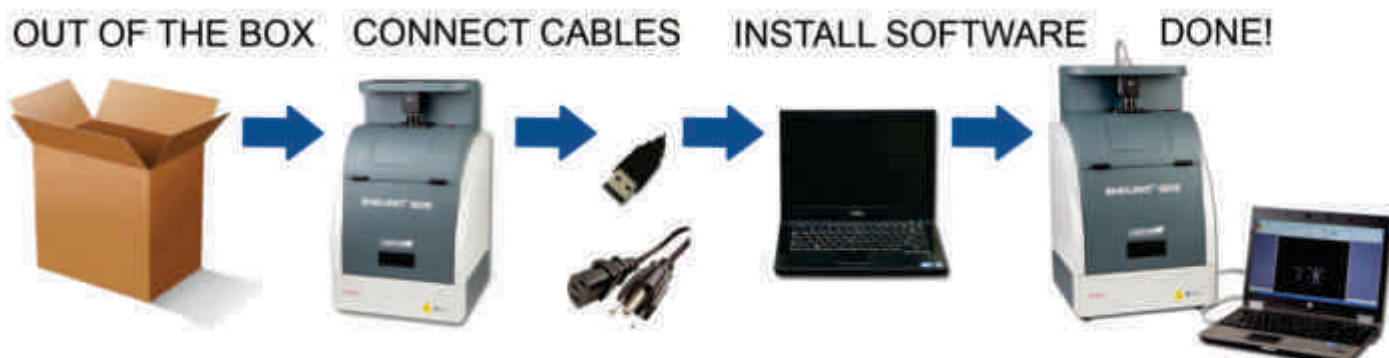
ENDURO™ GDS Gel Documentation System

This state-of-the-art imaging system provides an incredible combination of performance and value. It is a perfect fit with the rapidly expanding ENDURO™ Electrophoresis and Labnet Molecular Biology.

- Exceptional Resolution – 5MP Scientific Camera
- Ready to Use – Ready to connect to PC out of the box
- Innovative cabinet – Built in UV transilluminator, safety shut off switch and viewing port
- Large Field of view – 20cm x 24 cm viewing area
- The smartcapture technology utilized with this system so no focus needed – never have to touch camera
- AutoExposure – no manual manipulation of aperture or shutter speeds required.
- ENDURO™ GDS comes standard with a 2 year warranty exclusive of UV bulbs and gaskets.
- It comes with 1 positon filter
- Pull out UV tray for viewing and cutting bands without opening door



Cat No	Product Description
GDS-1302	Enduro GDS Imaging System-universal
GDST-1302	Enduro GDS Touch Imaging System
GDS - TL1D-1	Total Lab 1D 1 user License



Tissue Master 125 Homogenizer

The economically priced Tissue Master 125 is well suited for customers who homogenize with little variation in sample size. The Omni Tissue Master Package includes three stainless steel generator probes that can handle a wide variety of sample types, making it a great choice for laboratories with many applications and a limited budget.

- Power Rating: 125 watt
- Speed Control: Variable from 5,000-35,000rpm
- Dimensions: Height: 11.5in. (29.21 cm), Diameter: 5.5 in. (13.97 cm)
- Weight (inc. probe): 535g (18.8oz)
- Sound Level: < 72 db.



Omni TH Tissue Homogenizer

The Omni TH is a powerful Tissue Homogenizer designed to handle a wide range of laboratory samples from 0.2 mL to 100 mL in volume. The TH can usually process a tissue sample in less than 30 seconds and is compatible with a wide variety of generator probes for flexibility in application requirements.

- Processing range with stainless steel probes: <200µL to 100mL
- Processing range with Omni Tip plastic probes: 0.25mL to 30mL
- Power Rating: 125 watt
- Speed Control: Variable from 5,000-35,000rpm
- Dimensions: Height: 9 in. (22.86cm), Maximum Diameter: 2.5 in. (6.35 cm)
- Weight: 466g (16.4oz)
- Sound Level: < 72 db.



Omni THQ - Digital Tissue Homogenizer

It is a digital tissue homogenizer with lightweight, hand-held design. It includes an integrated digital speed display that ensures consistent results for a variety of laboratory applications. The THQ features our new Whisper Drive Technology™ – a brushless motor that is ultra-quiet during operation and virtually maintenance-free. Unlike brush motors, Whisper Drive Technology guarantees accuracy and repeatability

- Processing Range: 0.25 mL-100 mL (with Omni Tips)
- Power Rating: 20 watts
- Speed Control: Variable from 8,000-32,000 rpm (increments of .5 or 500 rpm)
- Dimensions: Height: 19.69 cm (7.75 in) height, 6.03 cm (2.375 in) max. dia
- Weight: 306 g (10.8 oz)
- Sound Level: < 65 db.



Omni Macro-ES Programmable Homogenizer

The Omni Macro-ES Programmable Homogenizer is a powerful 1800 watt programmable homogenizer that is compatible with a wide range of generator probes, blade assemblies and sealed containers to offer the perfect mix of dependability, versatility and power. The Omni Macro-ES is ideally suited for homogenizing, blending and creating emulsions

- Processing Range: 0.25 mL to 30 L
- Generator Probes: 7, 10, 20, 32, 45 and 55 mm
- Blade Assemblies: 1" and 2" in sealed chamber
- Digital display
- Store up to 12 programs including speed, run time and ramp functions
- Speed: Variable from 500 to 20,000 rpm



Omni Prep Multi-Sample Homogenizer

It supports simultaneous homogenization of up to six samples in a single process in sample tubes ranging from 1.5 mL to 50 mL. The Omni Prep microprocessor control allows the user to program both time and speed for processing up to 10 minutes at variable speeds up to 30,000 rpm. The oscillating sample rack mimics manual homogenization by transitioning the generator probes through the entire tube volume to ensure complete homogenization.

- Motor Power Rating: 150 watts
- Volume Range: 250 µL to 30 mL
- Generator Probes: 5 mm, 7 mm, 10 mm stainless or hybrid probes and 7 mm Omni Tip plastic probes
- Timer: 0 to 10 minutes
- Speed Control: 500 to 30,000rpm
- Sound Level: < 75 db.



Bead Ruptor 4 , 12 and 24

These Bead Ruptor are the most advanced and easy to use bead mill homogenizers available. It is specifically designed for grinding, lysing, and homogenizing biological samples prior to molecular extraction.

- Wide range of accessories for any sample size - 24 x 0.5 mL, 24 x 1.5 mL, 24 x 2 mL, 12 x 7 mL, 3 x 15 mL, 6 x 30 mL, 3 x 50 mL, or 96-well strip well tubes based on different models.
- Most powerful bead mill as it homogenize the most challenging samples
- No cool down required between runs:
- Convenient front loading design, 99 programmable memory settings
- Ideal for extraction of DNA, RNA, proteins, and small molecules



Omni Sonic Ruptor 400 Ultrasonic Homogenizer

It offers precision engineering with all the features necessary to create a total system for ultrasonic disruption. The applications include nanoparticle dispersion, creating emulsions, cell disruption and homogenization.

- It is capable of creating an emulsion down to 1/100 of a micron.
- Variable power to 400 watts
- Process 250 µL to 1 L
- Automatic tuning for easy interchange of probe tips
- Pulse mode for samples to be processed while limiting temp.
- Integrated timer and adjustable power
- Wide range of accessories including sound abatement chambers and continuous flow chambers available



Omni Prep 96 Multi-Sample Homogenizer

The unique Omni Prep 96 Multi-Sample Homogenizer supports automated homogenization of up to ninety six samples in a single batch in sample tubes ranging from 1.5 mL to 50 mL. With the Omni Prep 96 workflow software, custom profiles can be created and deployed in minutes through an interactive GUI for hands-free sample prep of one to ninety six samples.



Advanced digital water bath range - SUB Aqua Pro range

- Ambient +5°C to 99°C operation
- Set and Forget™ technology - accurate temperature control
- Stability $\pm 0.2^\circ\text{C}$
- Adjustable over temperature alarm
- Advanced dry start and run dry protection
- Suitable for use with heat transfer beads
- 3 year warranty
- Choose from eight models with base tray and lid included as standard.
- Heater mat and sensor bonded to underside of tank – optimized uniformity and work space.



General purpose digital water bath range – JB Nova range

- Ambient +5°C to 95°C
- Unique Set and Forget™ technology - fast heat up, reliable Temperature control
- Stability $\pm 0.5^\circ\text{C}$
- Simple, intuitive controls - quick and easy to set Temperature
- Drain tap on 12L, 18L and 26L baths
- Practical front panel lock - disables front panel controls
- Preventing unintentional temperatures changes
- 3 year warranty
- A choice of four models with a base tray and lid included as standard.
- Heater mat and sensor bonded to underside of tank – optimized uniformity and work space.



Combined orbital/linear shaking bath-OLS26

- Precision digital temperature control
- 0°C to 99°C operating range
- Extend lower range to 0°C using accessory cooling.
- Stability $\pm 0.1^\circ\text{C}$
- Easy changeover from linear to orbital shaking
- Adjustable shaking speed and stroke length
- Polycarbonate lid included as standard
- Drain tap for convenient emptying
- 3 year warranty
- For flexibility, tray sold separately
- Universal tray flask capacity: 3 x 1000ml, 6 x 500ml, 18 x 100ml, 28 x 50ml, 45 x 25ml



Linear shaking bath – LSB Aqua Pro range

- Ambient +5°C to 99°C operation
- Stability $\pm 0.1^\circ\text{C}$
- Choice of two models – 12 and 18 litre
- Drain tap for convenient emptying
- 3 year warranty
- Polycarbonate lid included
- Extensive choice of accessory shaking trays. Tray sold separately



Optima™ heating baths and circulators

- Precise temperature control for a wide range of laboratory applications.
- Accurate and safe temperature control – for samples and users
- Intuitive programming and thoughtful design features
- Robust, durable construction – for longevity, reliability
- A complete - 32 models to cover basic through to sophisticated needs,
- Optima™ digital thermostat for precise temperature control
- Cooling/heating range -15°C to 200°C**
- Full colour screen
- Stability $\pm 0.1^\circ\text{C}$, $\pm 0.05^\circ\text{C}$
- Easy to use rotary dial and two function keys



LT ecocool™ energy efficient refrigerated / heating circulating baths

A new range of innovative, eco-friendly, refrigerated heating circulating baths offering significant running cost savings whilst delivering powerful cooling. Consisting of three models, all products in the LT ecocool™ range are supplied assembled as ready to use kits, complete with accessory hosing*, clips and connectors as standard.

- Choice of three models, temperature range -30°C to 200°C
- Industry leading 4 year warranty with Grant renowned service and support, no registration required
- Active cooling through the whole temperature range
- True energy saving of up to 80% against standard compressor units



Optima™ refrigerated / heating baths and circulators

- Optima™ digital thermostat for precise temperature control
- R4 and R5 can be combined with any of our T100, TC120, TX150 or TXF200 heating circulators, offer a number of features:
- Cooling/heating range -50°C to 200°C
- Stability $\pm 0.1^\circ\text{C}$, $\pm 0.05^\circ\text{C}$
- Easy to use rotary dial and two function keys
- Flow rate: 16 to 22 LPM
- Volume – 12 L & 20 L
- LTC4 (TX150 + R4) kit available with tubing



Ultrasonic Bath-XUB range

- Frequency LEAP technology
- Heated ambient +5°C to 70°C
- Accurate process control of time, temperature, ultrasonic activity, degas and power
- Modern, sleek design with stainless steel basket, ABS
- Plastic lid, M2 cleaning solution and drain tap included as standard
- Degassing function to remove small bubbles from liquid
- Reducing the overall time needed for ultrasonic operation
- A choice of 7 sizes



Micro 12 Microcentrifuge

13,500 MAX RPM	12,032 MAX RCF	1.5/2ml x12 MAX CAP
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- Co-using Angle & PCR rotor
- Spin down (Pulse) function
- Speedy acceleration 15sec & deceleration 15secs
- Patented air-flow cooling design to minimize noise and heat



Smart 15 Microcentrifuge

15,000 MAX RPM	21,055 MAX RCF	1.5/2ml x12 MAX CAP
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- Ergonomically arranged and designed
- Memory for saving experiment condition [10 memories]
- Accel 15 sec, decel 15sec / Max. 15,000 RPM)
- Detecting imbalance
- Applied aluminium steel chamber to reduce rotational friction heat



Smart R17 Microcentrifuge

TEMP -10°C to +40°C	17,000 MAX RPM	23,005 MAX RCF	1.5/2ml x24 MAX CAP
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- Ergonomically arranged and designed
- Memory function
- Speedy acceleration 15secs & deceleration 15secs (15,000 rpm)
- 5 steps for acceleration and deceleration can be selected for delicate liquid experiment
- 2 way-types of freezing radiato
- Fast Cooling
- Detecting over speed, over heat, system error and door opening
- Patented compressor technology reduces vibrations and protects your sample
- Exceptionally quiet operation, with or without rotor lid
- Easy-to-read interface displays both speed (rpm) and force (rcf)
- Easy-to-use knobs



Combi 408 Multipurpose Centrifuge

8,000 MAX RPM	8,297 MAX RCF	85ml x6 MAX CAP
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- Co-using Angle & PCR rotor
- Spin down(Pulse function)
- Customized key pad(Easy operation and correction)
- 10 steps for acceleration and deceleration can be selected for delicate liquid experiment)
- RPM/RCF auto calculating
- Changing term of timer during operation
- Radius of rotor set up by unit of 0.1mm
- Memory for saving experiment condition



Combi 514R Multipurpose Refrigerated Centrifuge

TEMP -10°C to +40°C	15,000 MAX RPM	24,878 MAX RCF	250ml x6 MAX CAP
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- Co-using Angle & Swing rotor.
- Spin down(Pulse function)
- Customized key pad(Easy operation and correction)
- 10 steps for acceleration and deceleration can be selected
- Eco-friendly CFC Free freezing system
- RPM/RCF auto calculating
- Changing term of timer during operation
- Radius of rotor set up by unit of 0.1mm
- Memory for saving experiment condition
- Fast Cooling(down to 4°C in 15min)
- Short spin key : Spin down in 1 min
- lid latch by motor



Continent 512R Plus Multipurpose Centrifuge

TEMP -10°C to +40°C	12,000 MAX RPM	22,265 MAX RCF	1000ml x6 MAX CAP
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- Ergonomically designed control display
- Hi-efficient AC Induction Motor 1.7Kw
- Spin down (Pulse) function
- User password for preventing access from random people
- A special suspension system enables the stable centrifugation
- The centrifuge stands on movable castors and adjustable feet to even out the floor



Supra 22K High Speed Refrigerated Centrifuge

TEMP -10°C to +40°C	22,000 MAX RPM	53,029 MAX RCF	1000ml x4 MAX CAP
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- One chip microprocessor control.
- Customized key pad(Easy operation and correction)
- Memory for saving experiment condition
- RPM/RCF auto calculating
- 10 steps for acceleration and deceleration for delicate liquid experiment
- Spin-down
- Patented compressor technology reduces vibrations and protects your sample
- PWM (pulse width modulation) motor control has realized
- AC Induction drive technology provides you with fast separations
- Shorter run times mean more discovery for you



Supra 30K High Speed Refrigerated Centrifuge



Edge High Speed ??Centrifuge, which is implemented through High Speed. ?
Features

- One chip microprocessor control application.
- Quality assurance is being designed to motor engineering.
- Feedback control system applies vacuum
- The rotor can be sterilized.
- Apply a special vacuum system and flexible drive system for high speed
- Vacuum pressure is measured accurately by the digital vacuum gauge.

Safety

- Over speed detection
- At least within the temperature sensing chamber
- Sensing the rotor vibration
- System error
- Door open detection
- Automatic rotor recognition
- Shorter run times mean more discovery for you



Ultra 5.0 Ultracentrifuge



Safety

- sensing over the rotational speed
- sensing chamber temperature of over
- vibration rotor detection
- system error
- door open detection
- automatic rotor recognition

Features

- experimental area extends to 50,000rpm (254,345xg).
- When using materials harmful to humans applying the sealing system to prevent external leakage.
- Enhanced surface treatment of the rotor in order to avoid that the rotor is corroded by the chemical composition.
- use the product operates by simple manipulation methods
- being guaranteed quality engineered motor design.
- rotor sterilization possible.
- high vacuum system and apply high-speed special flexible drive systems
- can be separated by very thin tissue such as microsomes, Virus
- vacuum pressure is precisely measured by a digital vacuum gauge



Mi150 pH / Temperature Laboratory Bench Meter

Mi150 is an advanced pH/Temp microprocessor-based bench meter. This meter is provided with a series of new diagnostic features which add an entirely new dimension to the measurement of pH

- Automatic Temperature Compensation (ATC) for good accuracy under fluctuating temperatures;
- Easy to read large custom LCD;
- Easy and Quick Push-button Calibration
- 7 memorized buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45) for calibration;



Mi160 pH / ORP / ISE / Temperature Laboratory Bench Meter

This new pH/ORP/ISE/Temp bench meter is ideal for very accurate and precise measurements for all laboratory needs. It can perform ion-selective measurements directly in ppm, as well as pH, ORP and temperature measurements.

- 7 memorized buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45) for pH calibration
- pH calibration up to 3 points
- ISE calibration up to 2 points; six standard solutions available: 0.01, 0.1, 1, 10, 100, 1000 ppm
- Messages on the LCD to make the calibration easy and accurate
- Relative mV feature
- GLP feature, to view last calibration data for pH or ISE



Mi170 Autoranging Conductivity / TDS / NaCl / Temperature Laboratory Bench Meter

Mi170 measures 4 different parameters - EC, TDS (Total Dissolved Solids), percentage of NaCl and temperature in a variety of ranges.

The auto-ranging feature for EC and TDS measurements automatically sets the resolution suitable to the tested sample. All measurements can be temperature compensated at 20 or 25°C and the compensation coefficient is selectable by the user.

The automatic temperature compensation can also be disabled for measuring the actual conductivity value.



Mi180 pH / ORP / Conductivity / TDS / NaCl / Temperature Laboratory Bench Meter

Mi180 measures 6 different parameters: pH, ORP, EC, TDS (Total Dissolved Solids), percentage of NaCl and temperature in a variety of ranges. pH calibration can be performed in 3 points selectable between 7 memorized buffers, to provide a very accurate calibration curve even when testing different samples, where very wide differences in pH can be found.



TurboCycler™ Thermal Cycler

High transparency, sensitive capacitive touchscreen, enables easy operation even with laboratory gloves on.

Easy to understand, graphic-rich user interface, just plug, power on and go!

User-friendly spinning wheel interface for temperature, time and cycle number adjustment.

Built-in tools for Tm calculation, copy number conversion and mastermix preparation.

The optional WiFi module allows you to monitor your experiment remotely.

96 well, Gradient Block	Compatible with regular profile or low profile 0.2 ml PCR tube, strip, none-skirted, semi-skirted and full-skirted 96-well plate
Block Temperature	
Block Temperature Range	4.0 to 99.9 °C
Max. Heating Rate (°C/sec.)	5.5
Max. Cooling Rate (°C/sec.)	3.3
Temperature Accuracy	+/- 0.3 °C
Temperature Uniformity Across Block	+/- 0.3 °C
Adjustable Ramping and Cooling Rate	Yes, low /high
Gradient Temperature	
Gradient Direction	Horizontal across the block
Gradient Temperature	Range 30 ~ 99 °C
Gradient Temperature	Difference Max. span 24 °C
Software	
Portability of Protocols	Save and transfer to computer or additional cycler via USBflash drive
Stored Program No.	> 500 sets
Registered User Folder No.	100 sets
User Folder Password Protection	Yes
Run Status Report	Yes, TXT output and transfer via USB flash drive
Real-time Temp. Profile Export	Yes, CSV output and transfer via USB flash drive
Tools	TM calculator, Copy number calculator, Mastermix preparation calculator
General	
Display	7" color LCD with touch panel
Data Ports	1 USB A front port for USB flash drive
Heated Lid	Yes, fixed 105 °C, 120 °C and off
Auto Restart after Power Outage	Yes
Remote Motoring via WiFi	Optional
Footprint Dimensions	(H x W x D) 225 mm x 245 mm x 415 mm
Weight	10 kg
Power Supply	VAC 100-240, 50/60 Hz, 700 W
Standard	CE IVD, RoHS



Nimbus Precision Balances



- Capacity: 220g - 22kg
- Readability: 0g - 0.1g
- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- USB and RS-232 interfaces and data tracking within (GLP) guidelines
- Large, grade 304 stainless steel pan allows swift clean.



Eclipse Precision Balances

- Capacity: 220g - 32kg
- Readability: 0.001g - 0.1g
- The illuminated capacitive touch keypad provides responsive operation, and its durable, smooth surface can be easily wiped down
- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- USB and RS-232 interfaces and data tracking within (GLP) guidelines
- Large, grade 304 stainless steel pan allows swift clean.



Nimbus Analytical Balances

- Capacity: 80g - 250g
- Readability: 0.0001g
- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- USB and RS-232 interfaces and data tracking within (GLP) guidelines
- Large, grade 304 stainless steel pan allows swift clean.
- Sealed keypad protects against dirt and accidental spills
- Colour-coded keys facilitate quick recognition of the most frequently used buttons



Eclipse Analytical Balances

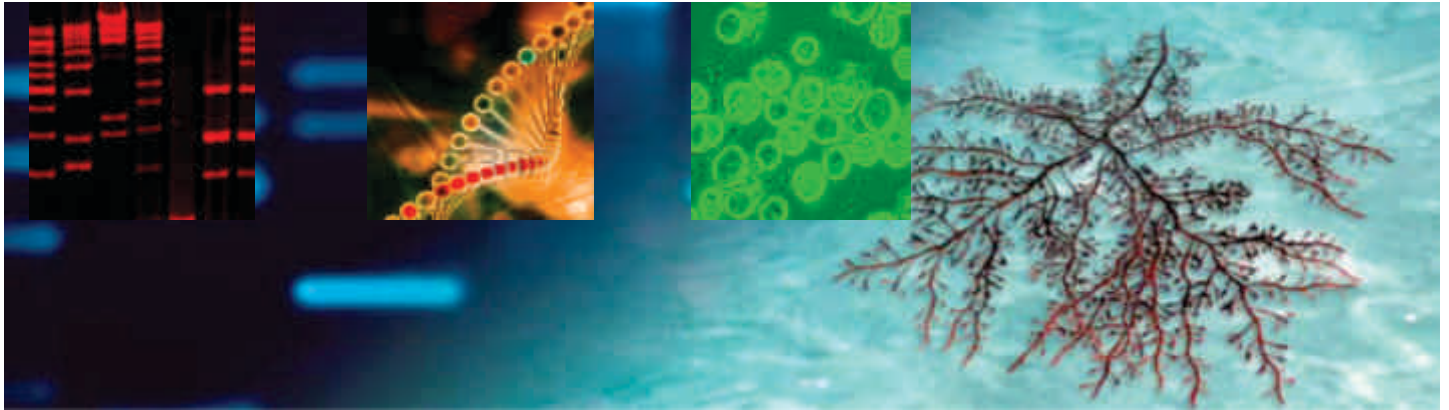
- Capacity: 100g - 310g
- Readability: 0.0001g - 0.001g
- The illuminated capacitive touch keypad provides responsive operation, and its durable, smooth surface can be easily wiped down
- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- USB and RS-232 interfaces and data tracking within (GLP) guidelines
- Large, grade 304 stainless steel pan allows swift clean.
- Removable draught shield on models with 0.001g readability helps to reduce errors caused by air currents



PMB Moisture Analyzer

- RS-232 interface & USB host for memory card and USB I/O interface
- 3 settings for heating sample, ramp up, step and standard
- Soft close door to protect heating element
- Automatic test start setting for when the lid is closed
- Pan lifter to easily remove samples
- Large backlit display with dual text prompts
- Large heating chamber designed for ultimate performance with halogen lamp protected by a removable splash guard.



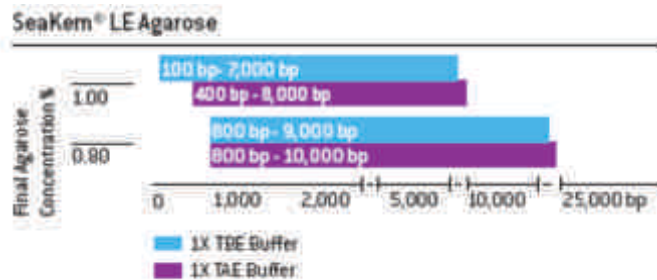


SeaKem LE Agarose

It is the ideal multipurpose, molecular biology grade agarose for any DNA or RNA application. Wide resolution range: 100 bp to 23 kb
High gel strength – Ideal for Southern and Northern blotting

Application:

Broad range fragment separation
Southern and Northern blotting
PCR greater than 1 kb
Immunoprecipitation techniques
Colony lifts



Cat No	Description
50004	Seakem LE Agarose 500 gm

MetaPhor® Agarose

MetaPhor® Agarose
MetaPhor® Agarose is a high resolution agarose that challenges polyacrylamide. MetaPhor® Agarose is an intermediate melting temperature (75°C) agarose with twice the resolution capabilities of the finest-sieving agarose products

Application:

Ultra fine resolution of small fragments
Ultra fine resolution–detects 2% size difference in fragments 20 bp to 800 bp
Rivals the resolution of polyacrylamide
Ideal for small PCR and STR analysis

Cat No	Description
50184	MetaPhor® Agarose 500 gm



2B Nucleofector System



4D Nucleofector System



Cytosmart

Sample Preparation Products

- SMART Digest Kits
- SOLA SPE Products
- HyperSep SLE Cartridges and Plates
- Microscale SPE Plates and Tips
- HyperSep SPE Cartridges and Plates
- SPE Manifolds and Accessories
- HyperSep Dispersive SPE (QuEChERS)
- Syringes and Filters



Sample Handling Products

- AVCS Closures and SureStop Vials
- Virtuoso Vial Identification System
- Premium Vials and Closures
- National Vials and Closures
- MS Certified Vials
- National Vial Reference Chart
- Chromacol Vials and Closures
- Chromacol Vial Reference Chart
- Chromacol Caps and Septa Comparison Chart
- Crimping and Decrimping Tools
- Well Plates for Chromatography



BioLC Columns and Accessories

- BioLC Columns Lines
- MABPac HPLC and UHPLC Columns
- pH Gradient Buffers
- GlycanPac HPLC and UHPLC Columns
- ProPac HPLC Columns
- DNAPac HPLC and UHPLC Columns
- Nano, Capillary and Micro LC Columns



LC Columns and Accessories

- Accucore HPLC and UHPLC Columns
- Hypersil GOLD HPLC and UHPLC Columns
- Acclaim HPLC and UHPLC Columns
- Application Specific HPLC Columns
- Hypercarb HPLC Columns
- Synchronis HPLC and UHPLC Columns
- Hypersil BDS and Hypersil Classical HPLC Columns
- LC Accessories
- LC Reagents



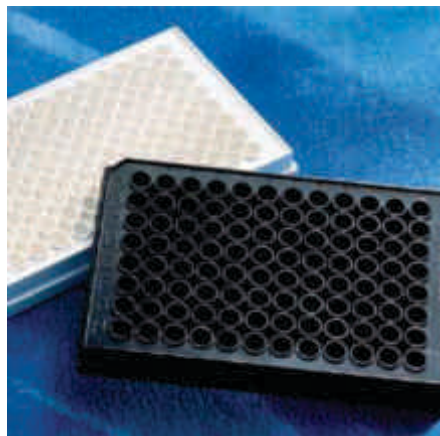
GC Columns and Accessorie

- Syringes for GC Instruments
- Injection Port Septa, Port Liners & Ferrules
- Injection Capillary Accessories
- TraceGOLD GC Columns
- TRACE GC Columns
- TracePLOT GC Columns
- GC Reagents
- Reacti-Therm Heating, Stirring and Evaporation System



CELL CULTURE

- Cell Culture Flasks
- Cell Culture Dishes
- Multiple Well Plates
- Transwell® Permeable Supports
- Culture Tubes
- Roller Bottles
- CellSTACK® Culture Chambers
- CellCube® Systems
- E-Cube™ Culture System
- Spinner Flasks
- Erlenmeyer Flasks
- Cell Scrapers and Lifters
- Spatulas and Microspatulas
- Pipets
- Cryogenic Vials and Accessories
- Centrifuge Tubes



MICROPLATES

96 Well Microplates

- General Assay
- Cell Culture
- Immunoassay
- Storage

384 Well Microplates

- General Assay
- Cell Culture
- Storage

1536 Well Microplates

Protein Crystallization Microplates



LIQUID HANDLING

- Pipet Tips
- Reagent Reservoirs
- Transtar-96® Well Liquid
- Transfer Systems
- Aspirator
- Vacuum Filters
- Spin-X® Centrifuge Tube Filters
- Storage Bottles
- Containers
- Cylinder
- Erlenmeyer Flasks



Corning® Sample Cooling and Heating Systems – Cool Products

Corning® CoolCell®

Corning CoolCell, in combination with a -80°C freezer, will provide alcohol-free freezing at the rate of -1°C/minute that is ideal for cryopreservation of most cells and cell lines. Using a combination of uniform-density cross-linked polyethylene foam, a solid state core, and radial vial symmetry, freezing profiles are consistent and reproducible. The foam is non-absorbent and will impose negligible change in the freezer environment; thereby protecting nearby frozen samples. The removal of vials is accomplished by tipping the device upside down so the vials slide out



Corning CoolRack Thermo-conductive Modules

Corning CoolRack thermo-conductive modules eliminate variability which originates from tubes or wells placed directly into ice, dry ice, alcohol baths, water baths, and other temperature sources. Place the thermo-conductive modules directly onto a temperature source and it will rapidly adapt to that temperature, ensuring temperature uniformity across all tubes and plates.



CoolBox Sample Cooling Systems

Corning CoolBox is an open-platform cooler that accommodates most CoolRack and CoolSink thermo-conductive sample modules. The CoolBox systems come in a variety of sizes and have a wide range of accessories available,



Corning Ice Buckets and Pans

- Made of recyclable non-toxic EVA foam (ethylene vinyl acetate)
- Odorless and will not “sweat” or deform
- Use with ice, dry ice, liquid nitrogen, alcohol or saline solutions
- Highly insulative, stackable, unbreakable, lightweight and leak-proof



Falcon Cultureware

- Cell Culture Flasks
- Flasks
- Multi-Flasks
- Flask Caps
- CultureSlides
- Cell Culture Dishes
- Plates and Microplates
- Cell Scrapers
- In Vitro Fertilization Plasticware
- Corning® Primaria™ Cultureware
- Cell Culture Inserts
- Inserts and Companion Plates

24 Multiwell Insert Systems

96 Multiwell Insert Systems

Corning FluoroBlok™ Cell Culture Inserts

Corning FluoroBlok 24 Multiwell Insert Systems

Corning FluoroBlok 96 Multiwell Insert Systems



Additional Falcon Labware

- Bacteriological Petri Dishes
- Cell Strainers and Containers
- Library Storage Plates
- Serological Pipets
- Individually Wrapped Serological Pipets
- Bulk-Packaged Serological Pipets
- Falcon® Tubes
- Round-Bottom Tubes
- Conical Tubes



A

Aspirators
Autoclaves

B

Balances
Biosafety Cabinet
BOD Incubator

C

Centrifuge
Chillers
CO₂ Incubator
Cold Cabinets
Colony Counter
Conductivity meter

D

Deep Freezers
Dispensors
Dry Baths

E

Electrophoresis System

F

Flame Photometer
Fume Hood

G

Gel Documentation

H

Heating Mantle
Homogenizer
Hot Plate
Hybridization Oven

I

Icematic Machine

K

Karl Fisher Titrator
Kjeldahl Digestion Unit

L

Laminar Air Flow
Liquid Nitrogen Container

M

Magnetic Stirrer
Microscope
Mixer

O

Osmometer
Ovens

P

pH Meter
Pipettes and Pipettors
Polarimeter
Power Supply
Pumps

R

Refractometer
Rotary Evaporator
Rocker
Rotator

S

Shaker Incubator
Solvent Extractor
Spectrophotometer

T

TDS Meter
Thermal Cycler
TOC Analyser

U

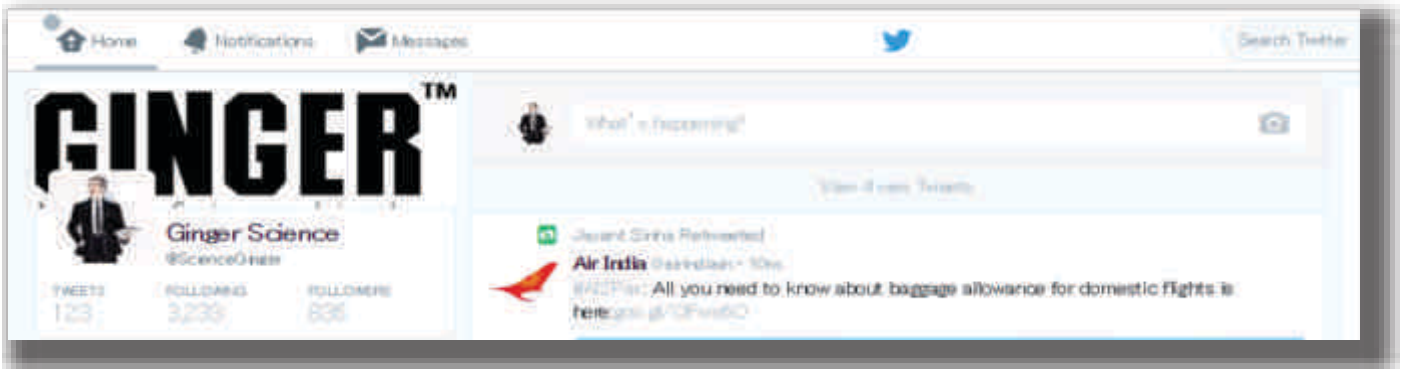
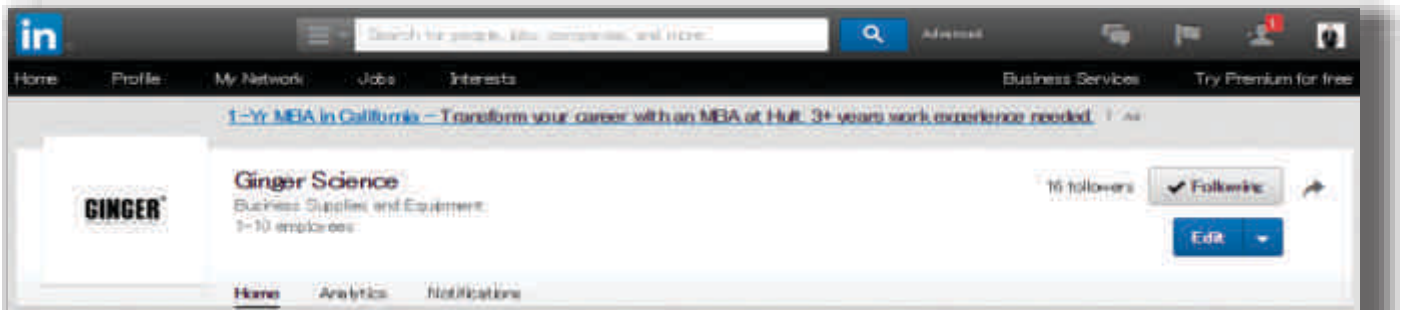
ULT Freezers
Ultracentrifuge
Ultrasonic Bath
UV/PCR Cabinets
U V Crosslinker
U V Transilluminator

V

Vacuum Gel Dryer
Viscometer

W

Water Bath & Circulators



Ginger Science Pvt. Ltd.
LGF-6-8, Jinkushal Suri Complex
230-A, Masjid Moth, South Ex-II | New Delhi – 110049