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SERVICE • SUPPORT



DIAMED DELIVERS



Incubator Shakers

- » 0 to 99 h 59 m
- » Ambient +5° to 60° C
- » Accurate to ±0.3° C
- » 50 to 300 rpm



DIAES-60



DIAMTH-100



Blocks sold separately

ADJUSTABLE SPEED	
DIAMTH-100	Heating only . Ambient: 5° -100° C
DIAMTC-100 (not shown)	Heating/Cooling . Range: 0° -100° C

BLOCK OPTIONS (sold separately)	
DIAMTH-100A	96 x 0.2ml PCR plate
DIAMTH-100B	54 x 0.5ml
DIAMTH-100C	35 x 1.5ml
DIAMTH-100D	35 x 2.0ml
DIAMTH-100E	20 x 0.5ml + 15 x 1.5ml
DIAMTH-100F	24 x dia. ≤ Φ12mm
DIAMTH-100G	32 x 0.2ml + 25 x 1.5ml
DIAMTH-100H	32 x 0.2ml + 10 x 0.5ml + 15 x 1.5ml
DIAMTH-100I	103 x 67 x 30 mm (water bath block)
DIAMTH-100J	96 x 0.2ml plate (flat bottom)
DIAMTH-100K	24 x 5ml (max .speed to 600rpm)
DIAMTH-100L	12 x 15ml (max .speed to 600rpm)
DIAMTH-100M	6 x 50ml Block
DIAMTH-100LIDA	Lid Suitable for Blocks A-J
DIAMTH-100LIDB	Lid Suitable for Blocks K-M

DIAES-60	Includes choice of one platform
DIAES-60Plus	Includes large spring platform only

DIAPP-4A

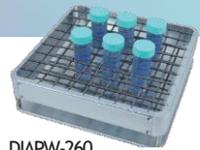


DIAUP-12



DIAPP6-250

DIASPG-DS



DIAPW-260



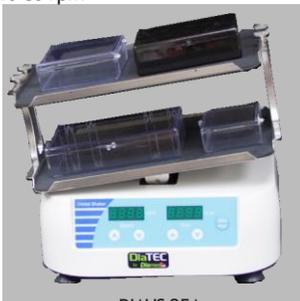
DIAPP12-100



PLATFORMS	
DIAPP-4 (not shown)	Single Flat Platform - 246x206 mm
DIAPP-4A	Dual Flat Platform - 246x206 mm
DIASPG-DS	Optional Sticky Pad for DIAPP-4 & DIAPP-4A
DIAUP-12	Flask Lock Platform
DIAPW-260	Spring Platform
DIAPP12-100	Flask Platform 12 Place (100ml)
DIAPP6-250	Flask Platform 6 Place (250ml)

Double Platform Rocker

- » Digital Display
- » Stainless Steel Platforms
- » 10-80 rpm



DIAHS-25A

Orbital Shaker

- » 50-300 rpm
- » 20mm orbit



DIAGS-20

DIAHS-25A	Platform dimensions: 280 x 228 mm
DIAGS-20	Platform sold separately

Blot Surfer 3D Nutating Rocker

- » 12x12-in .platform
- » Adjustable speed
- » 0 to 50 oscillations per minute



DIABLOTSFR-50	Blot Surfer Nutator
DIABLOTSFR-TRAY	Optional 2nd Platform



Shown with Optional Second Platform

Gel Surfer 2D Rocker

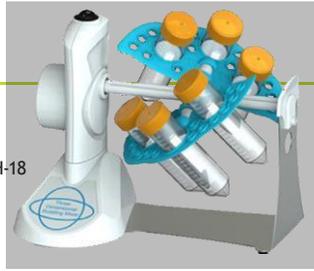
- » 12x16-in .platform
- » Adjustable tilt to 35 degrees

DIAGELSFR-100	Gel Surfer
DIAGELSFR-TRAY	Optional 2nd Platform

3-D Tube Rotator

- » 18 rpm Fixed Speed
- » Includes three plates

DIARH-18



INCLUDES PLATES, BELOW

DIARH18-A	5 x10/15mL Tubes + 6 x 5/7mL Tubes .Qty.2
DIARH18-B	3 x 50mL Tubes + 18 x 0.5mL Tubes Qty .2
DIARH18-C	18 x 1.5mL/2mL Tubes Qty .2

Dry Bath Incubators

Digital

- » LCD display
- » Unit quickly reaches temperature
- » Accurate temperature control



DIADKT200-1*	1 Block Ambient to 150° C
DIADKT200-2	2 Blocks Ambient to 150° C
DIADKT200-4*	4 Blocks Ambient to 120° C

Blocks sold separately

*Limited stock

BLOCK OPTIONS (sold separately)

DIADT13	0.5ml Block for 42 Tubes
DIADT14	1.5ml Block for 24 Tubes
DIADT15	2.0ml Block for 24 Tubes
DIADT16	0.2ml Block for 48 Tubes
DIADT17	0.2ml Block for 96 Tubes
DIADT18	Flat Microplate Block

Mini Dry Bath (includes your choice of block) Incubator or Cooler

DIAMINIB-100I	Ambient +5° - 100° C
DIAMINIC-100I	Range: -10° - 100° C ≤30min (from R.T. to R.T.-20° C)



ADDITIONAL BLOCK OPTIONS (sold separately)

DIAMINI-A	40x0.2ml or 8x0.2ml strip	DIAMINI-D	15x2.0ml
DIAMINI-B	24x0.5ml	DIAMINI-E	8-12 .5x12.5mm Cuvettes
DIAMINI-C	15x1.5ml		



DIAMIX-1500

Micro-Plate Shaker

- » 300-1500 rpm
- » 3mm orbit
- » 4 Plate Capacity



DIAMINI-6K

Digital Mini Centrifuge with Timer

- » 6,000 rpm, 3,000 xg, 8 place (0.2/0.5/1.5/2.0) ml Tube Rotor & 2 x 8 Strip Rotor
- » Lid Safety Switch
- » Includes two rotors and tube inserts



Magnetic Stirrer Mini Size

- » 0-2500 rpm
- » 250ml Capacity

DIAMINIP-25
(Limited stock)



PCR Plate Spinner

- » Suitable for Skirted, Semi-Skirted, Non-Skirted and all Standard PCR Plates
- » Quickly accelerates to 2,500 rpm
- » Operate by Touch—Quick Spin button, or Timer
- » 2 Plate Capacity .2500 rpm, 500 x g



DIAMINIP-2500

Dry Bath Incubator

- » Range: Ambient +5° - 100° C
- » Transparent Cover
- » Includes One Block for 24x0.5ml & 30x1.5ml Tubes



DIADKT-100
Not exactly as shown

Vortexer

- » 0-2800 rpm
- » Maximum 50ml Tube



DIAMIX-28PLUS

Micro-Plate Incubator Shaker

- » Temperature Control Range RT+5° C - 70° C
- » 300-1200 rpm
- » 2mm orbit
- » 4 Plate Capacity



DIAST60-4

Decolorization Shaker



DIATS-300 shown

- » space-saving, powerful
- » suction cup feet - no walking
- » high speed and shockproof
- » strong load capacity
- » optional platforms available

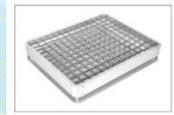
Optional Platforms



Platform TS-A



Conical Flask Stand TS-B (250ml can put 12pcs)



Universal Platform TS-D
Conical flask 1000ml*2
Conical flask 500ml*6
Conical flask 250ml*9
Centrifuge tube 50ml*60



Conical Flask Stand TS-C (100ml can put 20pcs)

AVAILABLE MODELS

DIATS-300	0-300 rpm
DIATS-300S	50-300 rpm, with timer
DIATS-300T	50-300 rpm, with timer

Thermal Cycler



DIAPR-96E shown

- » 5-inch display, USB interface and air vent
- » Built in gradient calculator to optimize PCR reaction conditions
- » Excellent temperature uniformity
- » Eliminates edge effect of module heat conduction
- » Consistent heating & cooling rates
- » Visual display of temperature curve
- » Good for denaturation, ELISA and other experiments

AVAILABLE MODELS

DIAPR-96	Heats 96-well plates
DIAPR-96E	Heats 96-well plates with Special User Interface
DIAPR-384E	Heats 384-well plates

Orbital Shaker



DIAGS-10 shown

- » maintenance-free
- » silent stable operation
- » adjustable speed
- » Timer included with alarm upon completion
- » different platforms to load various sample containers
- » Dimensions - W x D x H (all 3 models): 28.4 x 26.4 x 10.8 cm

AVAILABLE MODELS

DIAGS-10	Adjustable speed 50-350 rpm, 10mm orbit
DIAGS-20	Adjustable speed 50-300 rpm, 20mm orbit
DIAGS-30	Adjustable speed 50-250 rpm, 30mm orbit

Microplate Shaker



DIAMIX-1500 shown

- » LED displays time and speed
- » Accommodates up to 4 standard PCR plates or microplates
- » Gentle or powerful shaking available in the unit
- » Safe, stable & low noise

AVAILABLE MODELS

DIAMIX-1500	Microplate Shaker, Digital
DIAMIX-1500N	Microplate Shaker, Analog

Automatic Microplate Washer



The DIAAMW-3000 automatic plate washer is used to clean some residual substances after the detection of ELISA plates, so as to reduce the errors caused by the residues in the subsequent detection process. It is widely used in scientific research laboratories, quality inspection bureaus, agricultural animal husbandry, feed enterprises, food enterprises and other testing fields.

AVAILABLE MODELS

DIAAMW-3000	Automatic Plate Washer, Cleaning Solutions Sold Separately
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Microplate Reader

DIADEL-100



The Microplate Reader is a professional instrument for reading and analyzing the results of enzyme linked immunosorbent assay (EAL). The enzyme-linked immunosorbent reaction is carried out by the enzyme-catalyzed chromogenic substrate coupled to the antigen or antibody. The reaction result is displayed in color.

Spectrophotometer



Ultra-micro UV-visible spectrophotometer is a full-wavelength ultra-micro UV-visible spectrophotometer. The micro-detection mode can be used to detect nucleic acid, micronucleus acid array, pure protein detection, labeled protein detection, protein quantitative detection, microbial cell culture detection and conventional full-wavelength scanning. Under the colorimetric detection mode, nucleic acid

AVAILABLE MODELS

DIAND-100F	Spectrophotometer
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Air Bath



The air bath DIAET-60 is a multipurpose incubator with built in micro-processor & PID controlling. It is suitable for sample incubating in micro-plates, Gel cards, beakers, culture dishes, etc.

AVAILABLE MODELS

DIAET-60	Air Bath, Dimensions: 27.5 x 39.5 x 15.0 cm
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Extreme Environment Shaker

DIAGSP-20



- » suitable for use in CO2 incubators, greenhouses & refrigerators
- » controller placed outside the incubator and shaker controlled by a ribbon cable
- » magnetic feet prevents walking
- » minimal noise output
- » large platform design - 33 x 43 cm

Microplate Shaker Incubator

DIAST70-2



- » LCD displays setting and actual temperatures, time and shaking speed
- » touch screen interface
- » heats from the top and bottom of the incubator
- » micro-processor controls temperature and shaking speed
- » capacity: 2 PCR plates
- » DC Brushless motor drive for long maintenance-free life
- » Speed: 200-1200 rpm
- » Temperature range: ambient +5°C to 70°C

Microplate Shaker Incubator

DIAST60-4



- » LCD displays setting and actual temperatures, time and shaking speed
- » touch screen interface
- » heats from the top and bottom of the incubator
- » micro-processor controls temperature and shaking speed
- » capacity: 4 PCR plates
- » DC Brushless motor drive for long maintenance-free life
- » Speed: 200-1200 rpm
- » Temperature range: ambient +5°C to 70°C

Microplate Incubator

DIAMT70-2



- » LCD displays setting and actual temperature along with timer countdown
- » user-friendly interface
- » easy to clean
- » uniform sample heating and cooling
- » two standard plates configured
- » alarm sounds when operation is complete
- » optional continuous operation
- » microprocessor controls temperature and time (timer: from 1 minute to 99 hours 99 minutes; temperature range: ambient +5°C to 70°C)

Microplate Incubator

DIAMT60-4



- » LCD displays setting and actual temperature along with timer countdown
- » user-friendly interface
- » easy to clean
- » uniform sample heating and cooling
- » four standard plates configured
- » alarm sounds when operation is complete.
- » optional continuous operation
- » microprocessor controls temperature and timer (timer: from 1 minute to 99 hours 99 minutes; temperature range: ambient +5°C to 70°C)

Low Speed Centrifuge



- » LCD screen displays time and speed for readability and setting
- » Centrifuge beeps after rotation cycle is complete
- » Low noise output
- » High strength plastic rotor
- » Excellent balance technology
- » Lid locks electronically for safer rotor operation
- » DC brushless motor quickly sends rotor to set speed
- » maintenance-free

DIAMT-45



Genie Temp-Shaker 100™

Digital

- » 20-100 rpm, for Gentle Mixing
- » Standard with Non-Slip Platform

Gentle Orbital Shaking with precise temperature control. The Genie Temp-Shaker 100 allows for quick access through its unique 3-way chamber access design. Easily tilt the chamber cover left, right, or back for easy access.



SI-G100

Orbit	19 mm
Temperature	28° to 75° C
Platform	305x305 mm (12 x 12in)
Capacity	3 Kg (6.6 lbs)

SI-G100	Genie Temp-Shaker 100™
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Genie Temp-Shaker 300™

Digital

- » 35-300 rpm
- » Available in 3 Different Configurations

Powerful Orbital Shaking available in 3 different interchangeable platforms, with precise temperature control. The Genie Temp-Shaker 300 allows for quick access through its unique 3-way chamber access design. Easily tilt the chamber cover left, right, or back for easy access.



SI-G1500



SI-G1600

SI-G1500	with Ratcheting Clamp Platform
SI-G1600	with Flask Clamp Platform
SI-G1700	with Adhering Mat Platform (not shown)



Rotator Genie™

- » Holds tubes, flasks, microplates and bags, at any angle.
- » Designed for cold room and incubator use.
- » Uniquely designed for a wide selection of motions, which can be adjusted from gentle rolling to forceful end over end mixing.
- » Continuous-duty quality motor provides smooth, quiet operation.

SI-2100	Rotator Genie - Standard Platform
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Mini-300 Orbital Genie

Powerful standard size orbital shakers with a 12"x12" (305x305mm) platform, available in three different configurations. Variable shaking speed up to 300RPM.

- » 35-350 RPM
- » 3kg Capacity



SI-M1500	with Ratcheting Clamp Platform
SI-M1600	with Flask Clamp Platform
SI-M1700	with Adhering Mat Platform

Microplate Genie®

Microplate Mixers

- » Aggressive vortexing with complete and uniform mixing even in 384 well plates.
- » Small vortexing orbit of 1.0 mm for thorough mixing regardless of sample viscosity.
- » Fully programmable for speed and time.
- » ON and REST functions.
- » Ideal for heat sensitive samples.
- » Designed for use in cold rooms or incubators.
- » 500 - 3000 rpm.
- » 0 - 99 min or continuous



No Heat Transfer to Microplates

Cool air is drawn into the unit below the microplates, and exhausted through the base ensuring samples are not heated

Multi-Microplate Genie®

Microplate Mixers

- » Provides consistent well-to-well mixing for all types of plates, Will accept PCR work up racks with standard microplate footprint for use with PCR tubes, strips, and un-skirted PCR plates
- » Featuring programmable speed, time and continuous, rapid pulsing or timed "on/off" cycle
- » Digital speed is controlled by an optical disk for accuracy. No need for calibration



Stable base and "feet" prevent unit from "walking" during operation

SI-0400A	Digital MicroPlate Genie
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SI-4100	Digital Multi-MicroPlate Genie
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Orbital Genie®

Whisper Quiet™ Technology



SI-1500

SI-1600

SI-1700

- » Variable shaking speed with orbit REVERSING
- » Fully programmable - time, reversing time, acceleration/deceleration rates, and variable RUN/STOP time
- » Create any mixing action from a smooth vortex to sloshing aeration (or anything in between)
- » Equipped with stepper motor, delivering exceptional speed control, accuracy, and durability
- » May be used in cold room or incubator and CO₂ environments

SI-1500	Orbital Genie - with Ratching Clamps
SI-1600*	Orbital Genie - for Standard Flask Clamps (clamps extra)
SI-1700	Orbital Genie - with Adhering Mat

Vortex-Genie® 2

Rugged, reliable and long-lasting



Ask about our accessories that make your Vortex-Genie 2 even more versatile



- » Variable speed control allows slow shaking up to high vortexing. In addition, each attachment is designed to produce different mixing actions, allowing users to choose the correct action for each application.
- » A broad range of attachments available for mixing of almost all common tubes or containers.
- » A 3-position power switch operates with "Hands-Free" continuous action or "Touch" control

SI-0236	Vortex Genie 2
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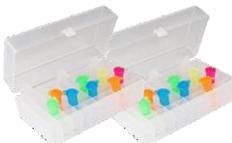
Roto-Shake Genie®

Rotate, Rock, or 3-D Orbit Any Container!

- » Combines rotating and rocking
- » Magnetic platform and accessories securely hold any sample
- » Optional 3-D orbital attachment
- » For use in cold rooms or incubators



SI-1140
50 Place
Magnetic Box



SI-1170
Stacking Tray

SI-1100	Roto-Shake Genie
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Bead Genie

Bead Beater

- » ideal for lysing, extraction, or homogenization applications
- » Supplied with holders to hold vertically 12 microtubes (1.5 or 2.0ml), 6 15ml tubes, or 3 50ml tubes, and 12 microtubes (1.5 or 2.0ml) horizontally



SI-B100	Bead Genie
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Vortex Mixers

Smooth Vortexing Action



BENBV1003



BENBV1005



BENBV1010

Cell Lysis

Microtube Homogenizer



BENB2400

Rockers

2D Variable Speed



BENBR2000



BENBR5000

3D Variable Speed



BENB3D1020



BENB3D5000



BENB3D1320

Orbital Shakers

Variable Speed



BENBT302



BENBT1010



BENBT30

Rollers/Rotators

Programmable Tube Rotators



Incu-Shaker™

Mini CO2 Shaking Incubator



BENH3501

Temperature
Controlled
Vortexer

BENH5000-H



MULTI-THERM™
COOL - HEAT - SHAKE

Heated Microplate
Vortexer

BENH6004



Temperature Control Baths
Dry Baths



BENBSH200-HL



BENBSH500

Incubators
SureTemp™ Precision Incubators



BENH2025 Series

Autoclaves
Fully Automatic - Just Press Start



BENB4000-16



BENB4000-M

Water Baths



BENB2000 Series

Shaking Water Baths



BENS0012

Media Storage Bottles
Borosilicate 3.3 hybex glass, autoclavable

Specify cap colour (X):
B-Blue, W-White, G-Green, P-Purple, Y-Yellow, A-Assorted

BENB3000-50-X	50 ml	10/pk
BENB3000-100-X	100 ml	10/pk
BENB3000-250-X	250 ml	10/pk
BENB3000-500-X	500 ml	10/pk
BENB3000-1000-X	1000 ml	10/pk
BENB3000-2000-X	2000ml	5/pk

STARTER PACK (blue caps)

BENB3000-SP	2x 100 ml, 3x 250 ml, 3x 500 ml, 2x 1000 ml
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Please call for prices while stock lasts



OMNIDOC-I Gel Doc System

With Wi-Fi

- » Pre-focused 5 mega-pixel camera with auto-exposure
- » Interchangeable 4 position filter wheel with 620nm as standard
- » Viewing pane with universal amber filter for gel inspection
- » Internal white LED aids gel positioning and focusing
- » Image Analysis software included - FREE
- » Slide-out 312nm transilluminator included, uses optional plug-in white light table
- » Optional white light table
- » Optional Blue light modules
- » Large 21x26cm filter area
- » omniDOCI runs on i-pad or other smart device

Spill Trays



Trays	
CLECSR-TW4	68cm x 54cm General Purpose Spill Tray, White, Included 1 Free Liner
CLECSR-TY4	68cm x 54cm Radiation Hazard Tray, Yellow, Included 1 Free Liner

UV Mini Cabinet

UV Sterilization Cabinet

- » Inactivates nucleic acids in 5 to 30 minutes
- » Doors fitted with safety switches
- » Complete with four powerful, timer controlled UV bulbs
- » Efficient decontamination of the complete work surface



Gel Documentation

microDOC™

18 megapixel digital camera*, with improved high-sensitivity CMOS sensor and the latest image processor to guarantee superb resolution.

- » Image visualised in a large 8" TFT colour monitor
- » Computer-free operation
- » Transilluminators supplied in single or dual wavelength formats
- » Optional TotalLab™ 1D analysis software.



Technician's Choice Pipet Aid	
TECPIPAID	Pipet Aid 110V with Lithium Battery, Each

Pipet Aid Models

TECPIP-AID - Technician's Choice

- Weight: 190 g
- Operating and charging temperature: +10° to 35° C
- Pipetting speed; 50 ml in less than 10 seconds for glass & plastic pipettes from 0.1 to 200 ml
- Approximately 12 hours of continuous pipetting with a 10 ml pipette without recharging the battery pack (lithium battery 2.4V/700mah)
- Comfortable, ergonomic handgrip, perfectly balanced design - for fatigue-free pipetting even in prolonged operations
- Single-handed operation - with this pipette controller you have continuously variable speed control using just 2 buttons. In addition, you can select your preferred maximum motor speed to improve sensitivity and control with low-volume pipettes.
- Powerful & quiet: at maximum motor speed a 50 ml pipette is filled in less than 10 seconds.
- Motor and pump operate quietly with very low vibration
- Advanced charging: intelligent battery charger prevents overcharging of the NiMH battery
- Flashing LED light will alert you to the need to recharge the battery approximately 2 hours ahead of the time of need

Drummond Pipet Aid XP

- » Pipets over 2000 times without recharging
- » Flow rate better than 25 mL at 5 seconds with 100 mL pipet
- » Cordless convenience
- » Tissue Culture Nosepiece provides quick disconnect and easier assembly
- » Holster-type wall bracket included
- » Many accessories available. Ask your territory manager for details.

Used by millions of technicians all over the world, the Portable Pipet-Aid has earned a well-deserved reputation for reliability and durability in the laboratory. The filtered, failsafe nosepiece provides positive protection for the electronic components and prevents cross-contamination due to over-pipetting.

U.S. Patent Numbers: 5,214,968, 4,624,147



Technician's Choice Pipet Aid	
DRU4-000-101	Portable XP Pipette Controller, Each



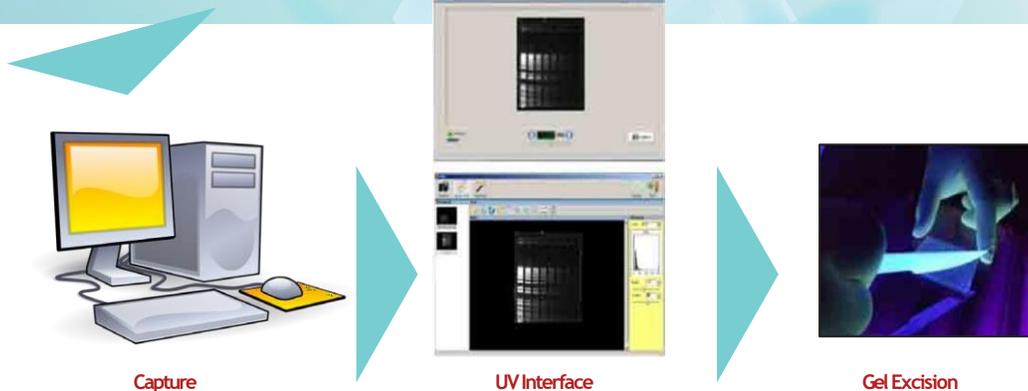
PIEGL-UV

Gel & Film Documentation Stations

Some of the most compact gel documentation systems in the world.

GLite UV

- » Compact PC-controlled system for use with EtBr
- » 9 Mega-pixel Camera
- » Real time GelView smart image capturing software.
- » Exchangeable emission filter, 617 nm
- » Non-flicker UV light source UVB 310 nm
- » Automatic UV shut off mechanism



Capture

UV Interface

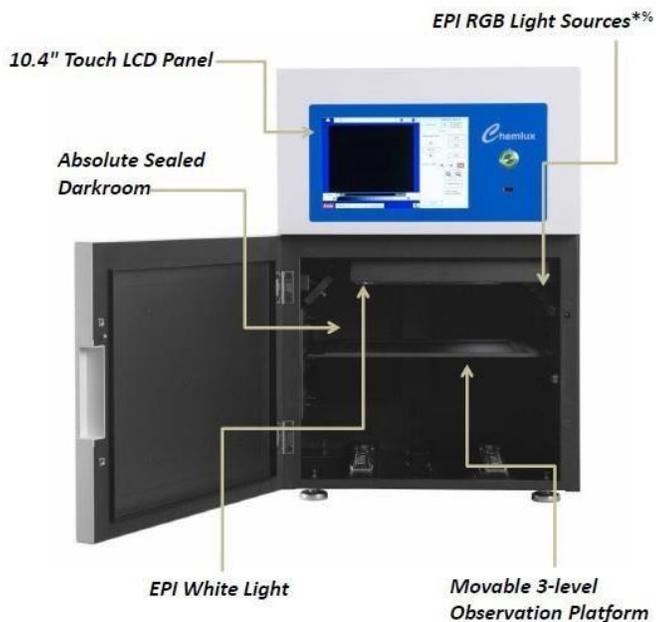
Gel Excision

Chemlux Imager

Advanced Gel Documentation Systems

- » High Resolution and High Sensitivity of 6 M Cooled (-55°C ± 50 ambient) CCD Camera
- » 16-bit, High Dynamic Range, up to 6 X 6 Bin Mode
- » Four-level Movable Platform with Auto Focus Feature
- » Adjustable RGB light intensity to get optimized image
- » Cooling status indication on UI
- » Auto back up to prevent important data loss
- » Remote operation via LAN/WLAN login

Model	PIECL600W	PIECL600BW	PIECL600RGBW
Light Source	EPI RGB N/A EPI White Light - YES	EPI RGB Blue Light EPI White Light - YES	EPI RGB R/G/B Light EPI White Light - YES



GLite 965-BW

The Glite 965 BW is specifically designed to offer the same sensitivity as traditional systems on the market for detection of blue light excitable fluorescent dye signals on DNA/RNA/protein gels without exposure to the dangerous UV light. Equipped with a high quality 9 megapixel camera and blue LED light sources, this system is able to provide image documentation for both fluorescent and colorimetric applications.

- » Highly efficient performance on blue dye staining detection
- » High power blue LED with optical lens design, sensitivity can reach 2ng DNA per band
- » High Resolution VGA out display, excellent for educational purposes
- » USB port for data transfer and thermal printer connection
- » Small & portable, user friendly, standalone operation



PIEGL965-BW



PIEGL965-GW

GLite 965-GW

The Glite 965 GW imaging system is specifically designed to provide high performance in sensitivity for the detection of EtBr and other blue light-excitable fluorescent stained DNA/RNA gels without exposure to dangerous UV light. With the high quality 9 Mega pixel camera and the unique blue and white LED light sources, this system is able to provide image documentation for fluorescent and colorimetric applications, such as DNA/RNA gels and Western blots.

- » Good performance and no UV radiation for DNA-RNA safe dye/ EtBr.
- » High power cyan LED covered with optic lens, sensitivity may reach to 1ng DNA per band.
- » High Resolution VGA out display, excellent for educational purposes
- » USB port for data transfer and USB thermal printer connection
- » Small & portable, user friendly, standalone operation.

Transilluminators UV/BW/RGB Highly Efficient for Fluorescent Stain Detection

Full product range for UV and can fit all kinds of fluorescent dye in laboratory for DNA/RNA agarose gel, protein 1D and 2D page, etc.



Model	UV TI 302 nm	UV TI 302-365 nm
Lighting Source	UV 302nm tube: 8W x 6	UV 302nm tube: 8W x 5 UV 365nm tube: 8W x 6
Viewing Area	21 x 26 cm	21 x 26 cm
Cat.#	PIETI302	PIETI302-365

Homogenizers

A global leader in homogenizers for both laboratory and industrial labs.

PRO homogenizers are able to homogenize various types of material, such as tissue, plant, food, soil, cosmetics and many others.



Hand Held



Benchtop & Digital



Generator Probes



Automated Homogenizers



Deflector Heads



Stands

pH Solutions

Wide Range of Solutions for your Applications

460 ml Bottles	
HANHI7004L	Buffer Solution, 4.01 pH
HANHI7007L	Buffer Solution, 7.01 pH
HANHI7010L	Buffer Solution, 10.01 pH
HANHI7061L	General Purpose Cleaning Solution
HANHI70300L	Electrode Storage Solution
HANHI7071L	Electrolyte Fill Solution, 3.5M KCl + AgCl



Lab Armor Beads

Waterless Solutions that Protect your Lab Work



BEADS ONLY	
LAA42370-001	1 Litre of beads
LAA42370-004	4 Litres of beads
LAA42370-008	8 Litres of beads



Bead Blocks

with Lab Armour beads

Specify colour (X): R-Red, G-Gold, B-Black, BL-Blue, S-Silver

BEAD BLOCKS	
LAA52100-X	Bead Block with 0.25 L Beads, replaces 1 heat block
LAA52200-X	Bead Block with 0.5 L Beads, replaces 2 heat blocks

Insulated Tray

with Lab Armour beads

LAA67200-001	Chill Bucket with 2 L Lab Armour Beads, Bead Bag, Chill Packs (2)
LAA67200-002	Chill bucket kit for ice buckets - 2 L bead bag, 2 chill packs Ice bucket sold separately. Fits magic Touch 4 L buckets
LAA67200-005	Chill Bucket Kit with Bucket, Bead Bag, Chill Packs (2) - NO BEADS
LAA67200-200	Chill Packs (4)
LAA67200-900	Bead Bag Only



MVE®

Cryoshippers

MVE CryoShippers are designed for the safe transportation of biological samples at cryogenic (-150°C or colder) temperatures.



- » Durable, tamper-proof lid design
- » High strength neck tube reduces liquid nitrogen loss
- » Strong, lightweight aluminum construction
- » Advanced chemical vacuum retention system
- » Hydrophobic Liquid Nitrogen absorbent system



PLANER

PRESERVE / PROTECT / NURTURE

Cryo Freezers

Repeatable, consistent results

Helping scientists and medical professionals look after cells. Planer's range of freezers has been tried and tested for many years. Whether you need to freeze one straw or 8,000 vials, Planer can provide a programmable freezer to suit the requirements of your laboratory.



Helping the viability of your samples

- » Improved viability by freezing below the glass transition point to -180°C
- » Outstanding tractability thanks to the compliant record of freezing run
- » Unrivalled repeatability with user definable freezing profiles

	Kryo 360 - 1.7/3.3	Kryo 560 - 16	Kryo 750 - 30	Kryo 1060
Chamber Volume	1.7 litres / 3.3 litres	16 litres	29 litres	180 or 380 litres
Bag Capacity	N/A	11 x 250/500ml	20 x 250-1000ml	
Vial Capacity	30 / 60	750+ x 1/2ml or 575+ x 1.5-ml in Baskets	1450+ x 2ml	4000/8000 x 2ml
Straw Capacity	60 / 120	2900+ x 0.25ml or 950+ x 0.5ml or 450+ x 0.25-0.5ml	5800+ x 0.25ml or 1930+ x 0.5ml or 825+ x 0.25ml (Racked)	
System Requirements	5 or 22 psi Liquid Nitrogen Supply	5 or 22 psi Liquid Nitrogen Supply	22 psi Liquid Nitrogen Supply	22 psi Liquid Nitrogen Supply

Delta T Software

PC Software for Controlled Rate Freezers

Profiles can be created with up to 32 different stages (heat / cool / hold) combined with real time updates of both sample and chamber sensor readings.

- » Unlimited freezing profiles
- » Graphical Data in Real Time
- » Traceability of Record
- » Password Protection
- » Pre and post run annotation





Precision Balances

Some of the smallest laboratory scales available on the market. Equipped with a large graphical, backlight, LCD screen.

200g x 0.001g w/ Automatic Internal Calibration. Max capacity of 200g and resolution of 1mg, 12 weighing functions, 9 units of measure, graphical display with onscreen instructions, USB, RS232, and PS2 interface ports, die-cast metal housing. Very intuitive and easy to use.



TORATA220i

- » Maximum Capacity: 220g
- » Readability (d): 0.001g
- » Linearity: +/- 0.002g
- » Pan Dimension: 120 mm (4.7 in)



TORAG200

- » Maximum Capacity: 220g
- » Readability (d): 0.001g
- » Linearity: +/- 0.002g
- » Pan Dimension: 120 mm (4.7 in)

Analytical Balances



TORAGN200

- » Automatic Internal Calibration
- » Large Graphical LCD with Backlight
- » Accurate and easy to use leveling system
- » Robust die-cast metal housing

Drosophila Products

Let Diamed keep your Drosophila research buzzing along!

Diamed is your one stop solution for all your FlyStuff products! Whether you need vials & closures, food & feeders, a complete set of anesthesia network components, or the FlyStuff dissecting microscope, there's nothing Diamed can't do!

Special lab start-up and repeat order discounts available.



Fly Collars



Food Fillers



Nylon Mesh



Embryo Cages



Tubing & Connectors



Food Products



Yeast



Oxford Accupet EVO 8-Channel Pipette



Oxford Accupet EVO Single Channel Pipette



OXFORD
LAB PRODUCTS USA



Magnetically assisted piston for precise and consistent results



Innovative spring and seal design for one of the lowest plunger forces for a fatigue free experience



Universal tip compatibility

CODE	DESCRIPTION	VOLUME
OLPAE-2.5	Accupet EVO Single Channel Adjustable Vol. Pipette	0.1-2.5 µl
OLPAE-10	Accupet EVO Single Channel Adjustable Vol. Pipette	0.5-10 µl
OLPAE-20	Accupet EVO Single Channel Adjustable Vol. Pipette	2-20 µl
OLPAE-50	Accupet EVO Single Channel Adjustable Vol. Pipette	5-50 µl
OLPAE-100	Accupet EVO Single Channel Adjustable Vol. Pipette	10-100 µl
OLPAE-200	Accupet EVO Single Channel Adjustable Vol. Pipette	20-200 µl
OLPAE-1000	Accupet EVO Single Channel Adjustable Vol. Pipette	100-1000 µl
OLPAE-5000	Accupet EVO Single Channel Adjustable Vol. Pipette	500-5000 µl
OLPAE-10000	Accupet EVO Single Channel Adjustable Vol. Pipette	1000-10000 µl
OLPAE8-10	Accupet EVO 8-Channel Adjustable Vol. Pipette	0.5-10 µl
OLPAE8-20	Accupet EVO 8-Channel Adjustable Vol. Pipette	2-20 µl
OLPAE8-50	Accupet EVO 8-Channel Adjustable Vol. Pipette	5-50 µl
OLPAE8-100	Accupet EVO 8-Channel Adjustable Vol. Pipette	10-100 µl
OLPAE8-200	Accupet EVO 8-Channel Adjustable Vol. Pipette	20-200 µl
OLPAE8-300	Accupet EVO 8-Channel Adjustable Vol. Pipette	30-300 µl



Captair Replacement Filters

When was the last time you replaced the filters in your ductless fume hood?

- » When installed in your ductless fume hood or storage cabinet, the filter keeps you safe from chemical inhalation.



Halo Air Filtration

On the job 24/7 | Simple to install | Smart technology

- » Healthier air with considerable savings
- » Simple to install and use - no need to connect to your HVAC
- » Easy access panel for quick filter changes
- » BACnet capable
- » Network the units to monitor remotely



Ductless Fume Hoods

with Smart Technology™

Each hood is equipped with Smart Technology: a simple and innovative way to let you know that you are safe. The Smart-Light allows you to quickly see that the hood is operating safely so you can focus your attention on what is most important: your work.

- » Superior chemical filtration
- » Activate the power of the Smart technology
- » Enhance your user experience with eGuard APP



Powder Weighing Stations

with Smart Technology™

Designed specifically for powder containment, the Captair Smart weighing station delivers proper airflow at the face of the enclosure and total filtration of hazardous powders or potent pharmaceutical compounds. Designed to allow full access to your balance and reduce airflow turbulence to maintain stability to 6 decimal places without compromising containment. The air exhausted into the room complies with Class 5 (E.N. ISO 14 644) standards.



Flow Clean Air Enclosures

CaptairFlow laminar flow hoods provide an ultra-clean and dust-free work area.

- » HEPA H 14 filter : 99.995% filtration efficiency for particles larger than 0.1 microns (according to the EN1822-1 standard, MPPS method).
- » Vertical laminar air flow entering the enclosure protects from contamination
- » Advanced carbon filter will protect handlings from VOCs present into the laboratory air. Air quality in the enclosure is ISO 5



Chemical Storage Cabinets

with Smart Technology™

- » Eliminate inhalation of noxious or hazardous vapors when opening the cabinet
- » Designed to continuously purify the laboratory air
- » Required no connection to HVAC needed
- » Chemicals can be placed where you need them
- » 3 models to choose from: bench top, wall mount, or floor standing



PCR Enclosures

The CaptairBio PCR workstation features a HEPA H14 filter, stainless steel work surface, and a UV light with a timer that provides the proper sterilization to protect your samples from contamination.

- » ISO 5 air quality in the enclosure
- » The unique fan design delivers an even air flow to eliminate turbulence.
- » UV light with reflective panels provide decontamination and easy visibility within the enclosure.
- » Digital control panel for continuous monitoring of the ventilation flow rate and audible alarm.
- » Enclosure is made with synthetic glass (10mm thick) designed to protect the user from harmful UV rays.
- » Rear panel ports to accommodate electrical lines.
- » UV timer from 1 to 30 minutes.



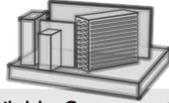
Low Energy Consumption

Refrigerators

Diamed offers other models in addition to those shown. Ask your territory manager for details.



**5-Year Warranty
Compressor
Replacement Only**



Available **Cassette®** Refrigeration System, Exchange the Compressor in less than 5 minutes!

- » Front-Breathing, Cabinet can be fully enclosed saving valuable space
- » Equipped with Digital Thermometer.
- » High Efficiency Insulated Safety Glass Doors
- » Exclusive Spring Loaded Easy Glide, Suspended Sliding Door Systems
- » Finless Coils, Easier Maintenance
- » Energy Efficient LED Lighting



REFLRG46-SXG
46 cu ft



REFLRG24-SX
24 cu ft



REFLRG12
12 cu ft



REFLRG28-SXG
28 cu ft



REFLRG49
49 cu ft

Freezers

- » Front-Breathing, Cabinet can be fully enclosed saving valuable space
- » Equipped with Energy Efficient Digital Controller featuring visual/audible product protection alarm, and ProductTemp™ display. Freezers factory preset for -23° C (-10° F).
- » High Efficiency Insulated Safety Glass or Solid Doors
- » Your choice of exclusive Spring Loaded Easy Glide, Suspended Sliding Door Systems or traditional swing-door models
- » Low Energy Milliwatt Cabinet Mullion Heater to Combat Condensation and Frost.



REFLRF24-SX
24 cu ft



REFLRF46-SX
46 cu ft



REFLRF-28
28 cu ft



REFLRF-46
46 cu ft

Labnet

Bottle Top Adjustable Dispensers

SPECIFICATIONS	
Piston	Direct displacing, PTFE with PTFE coated viton O-ring
Cylinder	Borosilicate glass with transparent plastic safety coating
Accuracy	± 0.7%
Reproductivity	± 0.1%

NLD5370-10	2.0 to 10ml
NLD5370-100	20 to 100ml
NLD5370-10HF	2.0 to 10ml for hydrofluoric acid
NLD5370-2	0.3 to 2.5 ml
NLD5370-25	5.0 to 25 ml
NLD5370-25HF NL	5.0 to 25 ml for hydrofluoric acid
NLD5370-5	1.0 to 5.0 ml
NLD5370-50	10 to 50 ml

- > Unique closed circuit air purging system
- > Reagent "guard valve" for safety shutdown
- > Exclusive integrated swivel neck
- > Patented direct displacement PTFE piston
- > Quick and accurate volume adjustment
- > Auto - calibrating
- > Fully autoclavable to 121 °C
- > ISO 9001 certified



Microtube Shaking Incubator

Temperature-Controlled Lab Vortexer

Benchtop Shaking Incubator

Mini Incubators



NLI4001-HCS

NLI5222-DS



Nutator



NLI5110A-MLR
Includes Lab Roller

Vortexer



NLS2020

Lab Rollers



NLS0600

Incubators



NLI5311-D

Rockers



NLS2025-D



NLH5000
Shown with Optional
Rotisseries

NLH5100
Shown with
Optional Carousel

Orbital Shakers



NLS2030-LS-B



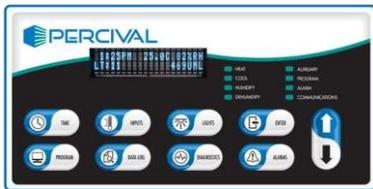
NLS2020-M60-B



Dew Formation

You will find one dew chamber in the market - and that one is manufactured by Percival® Scientific. Our dew chambers employ the most recent technology to simulate the actions of the natural elements commonly required for pathology research studies.

- » The plants radiate heat which is captured via special plates mounted on the side walls. The plants are maintained below the dew point of air.
- » A chamber heat sink sits below the plants warming water and causing vapor from the water to rise, thus forming dew on the plants.



Algae

Specifically designed for growth of the Algae in flasks. It provides adequate space for growing the plant to maturity under controlled temperature, humidity and light conditions.



PERI-36DL



PERAL-41L4

Drosophila

Percival® Scientific's cutting edge technology is at the core of our commitment to delivering the best products on the market today. This commitment is clear with the Percival 36 and 41 Series which is dedicated to offer the best features for Drosophila research.



PERDR-36NL

Plant Tissue Culture

Designed for plant tissue culture on plates, dishes or in flasks. Our plant tissue culture chambers minimize condensation on Petri dishes with the following features:

- » Air diffuser with slow vertical airflow insulates shelf level experiments from heat generated by the underlying light fixture
- » Fixed lamp banks
- » Precise temperature control across your choice of 4, 5, or 6 slide-out shelves



PERCU-41L4

Low Temperature Chambers

Low Temperature plant growth chambers offer you the ability to measure cold hardiness, freeze tolerance, heat stress and exposure to a series of temperatures (spring, summer, fall and winter-like conditions). "Constant temperature defrost" allows the chamber to operate at low temperature under full lighting without temperature defrost spikes. The glass side walls give a full view of each shelf without disturbing your experiment.



PERLT-36VL



PERPGC-15

Reach in Plant Growth

These chambers are frequently used for research applications such as lighting for vascular plants to facilitate standard plant production, plant pathology research and seed germination and development.

GYROZEN

HighSpeed Micro Centrifuge

Max. RPM 15,000

- » Compact, lightweight design
- » Quick acceleration/deceleration of <= 15 seconds
- » Selectable time mode of "AT SET SPEED" for time counting starts when set speed is reached
- » Separate "PULSE" key for quick spin downs
- » Key-lock function to secure parameters during operation
- » Max. capacity: 24 x 1.5/2.0ml Tubes



GYR1524



GYR1536

Micro Centrifuge

Max. RPM 15,000

Applications: Molecular works of cell collection, phenol extraction, simple spin-down, filter tube separation, etc.

- » 3.5" LCD window with simultaneous display of set and actual figures.
- » A separate "PULSE" key for quick spin .
- » Parameters can be changed during operation.
- » Lid drop protection design
- » Aerosol-tight, bio-seal Easy-Lock rotor with O-ring.

MAXIMUM CAPACITY:

Fixed Angle
36 Microtubes
4x8 PCR Strips
10x 5.0 ml Tubes



Refrigerated, High-Speed Micro Centrifuge

Max. RPM 17,500

Applications: Molecular works of ethanol precipitation, phenol extraction, NA preparation, cell collection, spin-down of temperature sensitive reaction mixtures, etc.

- » Fast cooling function to 4°C in 5 minutes.
- » Lid open Compressor-Off function minimizes unnecessary cooling and frosting.
- » Teflon coated rust-free chamber.
- » Very quiet operation at less than 56 dB .
- » Parameters can be changed during operation .
- » Aerosol-tight, bio-seal Easy-Lock rotor with O-ring.

MAXIMUM CAPACITY:

Fixed Angle	Swing Out
36 Microtubes	16 Microtubes
8x8 PCR Strips,	—
12x 5.0 ml Tubes	—



GYR1730R

Refrigerated, High-Speed Centrifuge

Max. RPM 6,000

Applications: Ideal for cellular and molecular biology work, clinical preparations, industrial applications, etc. General laboratory applications including sample separations of cellular materials, blood, urine, sperm, etc. Clinical applications including PRP, PRF and stem cell isolation .

- » Commonly used in the fractionation of blood samples and simple precipitation of biological samples
- » Fast cooling function to 4°C in 5 minutes
- » Lid drop protection design
- » A large assortment of rotors, buckets and adaptors for microtubes and all sizes of tubes up to 100 ml . Aerosol-tight, bio-seal Easy-Lock rotor with O-ring.

MAXIMUM CAPACITY:

Fixed Angle	Swing Out
24 Microtubes	4 x 100 ml
6 x 50 ml	32 Vacutainer tubes
24 x 15 ml	4 Plates



GYR624R



Multi-Purpose High-Speed Centrifuges

Max. RPM 15,000

- » Fast cooling function to 4° C in 5 minutes
- » A separate "PULSE" key for quick spin
- » Lid drop protection design ensures easy access and safety when loading or unloading samples
- » A large assortment of rotors, buckets and adaptors support diverse applications with one instrument

MAXIMUM CAPACITY:	
Fixed Angle	Swing Out
30 Microtubes	4 x 750 ml
6 x 85 ml	80 x 15 ml
6 x (250 & 15) ml	16 Plates



GYR1580R Refrigerated
GYR1580 (not shown)

Multi-Purpose Medium Capacity Centrifuges

Max. RPM 12,000

MAXIMUM CAPACITY:	
Fixed Angle	Swing Out
30 Microtubes	4 x 250 ml
6 x 85 ml	48 x 15 ml
6 x (250 & 15) ml	16 Plates



GYR1248 Benchtop



GYR1248R Refrigerated Benchtop



GYR1236R Refrigerated Floor Model



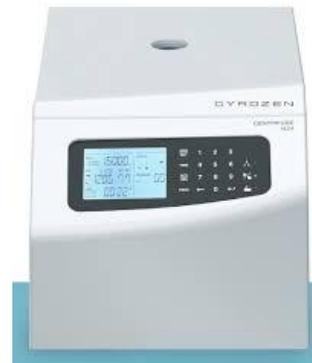
GYR406

Clinical Low Speed Centrifuge

Max. RPM 4,000

Commonly used in the fractionation of blood samples and simple precipitation of biological samples. Automatic lid release and vivid end alarm. Supplied with 6-place rotor and sleeves for 15ml tubes.

- » Well suited for routine work with small sample sizes less than 15 ml tubes. It has an open style 15 ml angle rotor that can spin at max. 4,000 rpm (2,075 x g)



GYRGZ-1524

Clinical Low Speed Centrifuge

Max. RPM 15,000

- » 24 x microtube 'snap-fit' rotor
- » Quick acceleration/deceleration
- » "PULSE" key for quick spindown
- » "Key-lock" function to secure parameters during operation
- » Timer control



GYR416

GYR416

A compact bench-top centrifuge with a maximum capacity of 400 ml. Five versatile rotors options so you can choose according to your application.

MAXIMUM CAPACITY:	
Fixed Angle	Swing Out
16 x 15ml	4 x 100ml
—	32 Vacutainer tubes
—	4 MTPs



Service You Can Trust

Let Diamed's Service Centre take care of your equipment, so that you can focus on your research. Our wide range of services can resolve your current equipment issues and prevent future setbacks to keep your lab operating at peak efficiency.

Mansour Yusefpour
Service Manager

905 625 6021 ext 236

Pipette & Pipet Aid Service & Repair

Our Pipette & Pipet Aid Service & Repair, provided by our experienced Service Manager and his team, can minimize downtime for your lab.

- » Assess the condition of your pipettes & pipet aids to provide insight about future repairs or parts malfunction.
- » Protect your investment - avoid sample loss and unexpected expenses due to equipment failure.
- » Optimize the functioning of your lab with our qualified routine inspections to eliminate interference with your research.

Pipette Service Includes:

- » Dismantling
- » Cleaning & Rust Removal
- » Inspecting (Leak Test)
- » Reporting to you any parts required before completing this process.
- » Replacing O-Rings & Seals (No Charge)
- » Lubricating
- » Assembly
- » Calibrating
- » Calibration Certificate

Pipet Aid Service Includes:

- » Dismantling
- » Cleaning
- » Inspecting
- » Reporting to you any parts required before completing this process.
- » Replacing the filter (No Charge)
- » Motor & Valve Maintenance



Certified Drummond Service center using original Drummond Parts to keep your equipment functioning at peak efficiency levels.

Equipment Service & Repair

- » We repair Vortexers, Shakers, Rockers, Stirrers, Tube Rotators, Dry Baths & Water Baths, Centrifuges & Mini-fuges, Fridges, Incubators and more.
- » Various makes & models repaired at minimal cost
- » Less expensive alternative to buying a new model
- » Free estimate given within the GTA and surrounding Ontario regions
- » A no obligation quote
- » Preventative maintenance available on Percival Chambers, Fridges, Freezers, and more.

FREE Shipping
on consumable orders
over \$200.00 (ground only)



Diamed.ca

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