



PRODUCT SELECTION V2

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This publication features the latest offering of Labnet's laboratory equipment distributed by Pacific Laboratory Products.

Founded in 1984, Labnet started with the basic mission of supplying products of high quality, utility and value to bioscience research laboratories. That mission has been maintained for over 30 years combined with a focused effort on growing our business through innovation. Their in-house product design and development teams are continually working on new products to meet the evolving needs of the scientific research community.

Today, Labnet is a leading worldwide supplier in a number of core product areas: centrifugation, liquid handling, constant temperature equipment, agitation, molecular biology and electrophoresis.

Some Labnet's well established brands include BioPette™, Enduro™, AccuBlock™ and MultiGene™ which are recognized throughout the world as reliable and effective research tools.

For more information regarding any of the products presented in this publication please contact a product specialists at sales@pacificlab.com.au.

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CENTRIFUGATION

MINI
MICRO
BENCHTOP

Mini Microcentrifuge

Upgraded from the previous Spectrafuge model, the C1601 Micro Centrifuges are convenient units with a capacity of 8 place MCT and 4 place PCR strip rotors. It is equipped with a quick-release rotor system and electronic braking. Once samples are loaded and the lid is closed, the rotor rapidly accelerates up to 6,000 RPM, making it an ideal centrifuge for bringing small droplets to the bottom of tubes for micro-filtrations or basic separations.

- 8 place MCT / 4 place PCR strip capacity
- Quick release rotor system, no tools needed to exchange rotors
- Electronic braking allows for faster deceleration
- Dual lid switch
- Compact, rugged design
- Spins up to 6,000 rpm
- 230V
- Available with Blue, Purple, Red and Grey colour accents



Mini Microcentrifuge

SPECIFICATIONS

Maximum speed/RCF	6,000 rpm/2,000 x g
Maximum capacity	8 x 1.5/2.0 mL or 4 x 0.2mL strips
Dimensions (W x D x H)	6.8 x 5.8 x 4.8 in / 17.2 x 14.7 x 12.2 cm
Electrical	AC 100-240V, 50/60 Hz



Learn more!
Watch the Video

<http://bit.ly/2rbQfm6>

PART NUMBER	DESCRIPTION
C1601-B Shop	Microfuge Mini, Blue lid 8 x 1.5/2.0mL rotor, 230V
C1601-G Shop	Microfuge Mini, Grey lid 8 x 1.5/2.0mL rotor, 230V
C1601-P Shop	Microfuge Mini, Purple lid 8 x 1.5/2.0mL rotor, 230V
C1601-R Shop	Microfuge Mini, Red lid 8 x 1.5/2.0mL rotor, 230V
6770-RT Shop	Rotor 8 x 2.0/1.5mL Microfuge tubes for Microfuge Mini
6770-RTS Shop	Rotor for 4 x 8-strip tubes for Microfuge Mini
6770-RTA.20 Shop	Adapters for 0.2mL tube for 6770-RT rotor
6770-RTA.25 Shop	Adapters for 0.25mL tubes for 6770-RT rotor
6770-RTA.5 Shop	Adapters for 0.5mL tubes for 6770-RT rotor



Prism™ and Prism R Microcentrifuges

The Prism and Prism R are the premier models to Labnet's microcentrifuge line. These two units feature powerful brushless motors and an intuitive control panel.

The Prism R is a refrigerated model that incorporates a powerful cooling system that maintains temperatures as low as -10°C and can reach 4°C in less than 8 minutes. The Prism is the air-cooled model, which was designed to keep samples close to ambient temperature, even when operating at maximum speed. It can also be used in a cold room.

Speed in both units is easily set and displayed in either RPM or RCF. Operation of the units can be timed, continuous or momentary, using the "Quick" button. Vibration free operation is ensured by an isolation system. In the event of a significant imbalance, operation of the centrifuge is automatically stopped for safety. Deceleration at the end of a run is very quick, but will not disrupt samples.

Both of these centrifuges are supplied with a uniquely designed 24 x 1.5/2.0 mL rotor that allows easy access to the tops of the sample tubes. Individual tube slots in the solid aluminum rotor support tubes along their length and contain the sample in the event of tube failure. Adapters are available for smaller tubes as well as PCR strips. The rotor is seated on a tapered shaft which facilitates easy removal for cleaning and autoclaving.



Prism



Prism R

SPECIFICATIONS

	Prism	Prism R
Speed range	500 to 15,000 rpm	500 to 13,500 rpm
Maximum RCF	21,200 x g	17,135 x g
Maximum capacity	24 x 1.5/2.0 mL	24 x 1.5/2.0 mL
Timer	0.5 to 99 minutes or continuous "Quick" button for momentary operation	
Temperature range	N/A	-10° to 40°C
Dimensions (W x D x H)	9.45 x 13.8 x 7.48 in/24 x 35 x 19 cm	10.9 x 17.75 x 9.75 in/27.7 x 45 x 24.75 cm
Weight	21 lb/9.6 kg	44 lb/20 kg
Electrical	230V~, 50 Hz	230V~, 50 Hz

PART NUMBER	DESCRIPTION
C2500-230V 	Prism air-cooled microcentrifuge with 24 place rotor, 230V
C2500-R-230V	Prism R refrigerated microcentrifuge with 24 place rotor, 230V
C2400-SS	StripSpin adapter for 0.2 mL tubes and strips
C1205	Individual adapters for 0.5/0.6 mL tubes, pk of 6
C1206	Individual adapters for 0.4/0.25 mL tubes, pk of 6
C1222	Individual adapters for 0.2 mL thermal cycling tubes, pk of 6



 Learn more!
Watch the Video

<http://bit.ly/2tQSnSn>

C0336 & C0336R Centrifuges

The C0336 and the C0336R high performance centrifuges are capable of high speed operation, expanding their use to applications in molecular biology and basic research. The C0336 series centrifuge has a capacity up to 400mL with swing-out and fixed angle rotor options available.

Capable of 100 memory programs, these centrifuges have a large LCD display showing both pre-selected and actual run parameters with 10 different acceleration and deceleration levels.

Both centrifuges are equipped with automatic lid opening and automatic rotor recognition.

Speed is set and displayed in RPM or RCF. Safety features incorporated into the centrifuges include start blocking when lid is open, lid locking during rotor running, and imbalance sensors.

More features available on next page



SPECIFICATIONS

	C0336	C0336R
Maximum speed	90 - 18,000 rpm, step 1 RPM	90 - 18,000 rpm, step 1 RPM
Max RCF	24,270 x g, step 1 x g	24,270 x g, step 1 x g
Power	250W	600W
Max Volume	400mL	400mL
Temperature Range (C0336R)	-	-20C to +40C, step 1C
Running Time	1 sec - 99 hr 59 min 59 sec, step 1 s	1 sec - 99 hr 59 min 59 sec, step 1 s
Dimensions (W x D x H)	320 x 365 x 495 mm	320 x 365 x 660 mm
Weight	28/29.5 kg	47/50.7 kg
Electrical	230 V 50/60 Hz	230 V 50/60 Hz

C0336 & C0336R Centrifuges

FEATURES

- Effective ventilation system
- Maintenance-free induction motor
- Large graphical LCD display
- 100 user programs
- 10 acceleration / deceleration characteristics
- Programming of multi-segment acceleration and deceleration
- RPM/RCF adjustment
- Rotor identification
- Continuous operation mode HOLD
- SHORT time operation mode
- Possibility to change parameters during spin
- Automatic lid opening
- Password protection
- Programmable density setting for samples > 1.2 g / cm³ (with automatic maximum speed correction)
- Stainless steel centrifuge chamber
- Cooling option (C0336R only)
- Unbalance sensor
- Lid locking during rotor running
- Start blocking at opened lid
- Emergency lid lock release



C0336-850F / 850G



C0336-125F



C0336-362



C0336-C15



C0336-C50



C0336-4100



C0336-100B



C0336-100BC



C0336-4VAC

ACCESSORIES

PART NUMBER	DESCRIPTION
Angle Rotors and Accessories	
C0336-850F	8 x 50 mL tube fixed angle rotor with buckets
C0336-850G	8 x 50 mL tube fixed angle rotor with buckets and PC caps
C0336-125F	Angle rotor for 12 x 5 mL tubes with hermetically sealed lid
C0336-362	Angle rotor 36 x 2/1.5 mL tubes with hermetically sealed lid
C0336-C15	Carrier for standard 15 mL centrifuge tubes for C0336-850F or C0336-850G
Swing Out Rotor and Accessories	
C0336-4100	4 x 100 mL swinging bucket rotor (buckets not included)
C0336-100B	100 mL bucket for C0336-4100
C0336-100BC	100 mL buckets iwth cap for C0336-4100
C0336-4VAC	Round carrier 4 x 15/10 mL for Vacutainer tubes for C0336-4100
Specific purpose Rotors and Accessories	
C0336-3015	30 x 15 mL fixed angle rotor with buckets
C0336-3016	30 x 10 mL fixed angle rotor with buckets
C0336-2MP	Swinging rotor for 2 microplates with 2 hangers
C0336-133AD	Round carrier (13.3mm) for C0336-3015 or C0336-3016
C0336-HEM	Hematocrite fixed angle rotor



C0336-3015 / 3016



C0336-2MP



C0336-133AD



C0336-HEM



LIQUID HANDLING

PIPETTE CONTROLLERS
MANUAL PIPETTES
ELECTRONIC PIPETTORS

FastPette V2™ and FastPette Pro Pipette Controllers

The FASTPETTE PRO is a lightweight and ergonomically shaped motorized pipette controller designed for work with glass or plastic serological pipettes from 0.5 to 100 mL range. Conveniently positioned switches allow choosing different operation modes and speed depending on the volume of the serological pipette and liquid viscosity. Additionally aspirating and dispensing speed is controlled through two comfortable finger triggers.

When fully charged, the NiMH batteries enable up to eight hours of continuous use. The large LCD display indicates the battery status along with the pipetting mode and speed selected. In order to protect the device against overfilling the FASTPETTE PRO is equipped with a 0.2 µm PTFE filter. The filter, the pipette holder and the nosepiece are autoclavable. The FASTPETTE PRO is also supplied with the universal battery charger, an additional hydrophobic 0.2 µm filter and a two-position charging stand.

The FastPette V2 was designed with the user in mind. It has a lightweight handle with smooth push-button and ergonomically located switches. An updated valve control system allows very fine control. Battery powered, this pipette controller works with glass and plastic pipettes in the 1 to 100 mL range.

When fully charged, the FastPette V2 can be used continuously for over 2,000 pipetting cycles. A low battery warning light indicates that the unit should be recharged. Should the charge run out while working with the pipette, simply connect the pipette to the power supply and continue to use.



PART NUMBER	DESCRIPTION
P2000	Shop FastPette V2 with three 0.2µm filters, wall hanger and charger, universal power supply
P2002	Shop FastPette Pro Pipette controller with two-position charging stand, universal power supply* and additional 0.2µm filter
P2023	Shop PTFE autoclavable filter 0.2µm, pk/5
P2024	Shop PTFE autoclavable filter 0.45µm, pk/5
P2028	Shop Wall hanger for FastPette V2
P2029	Shop Bench stand for FastPette V2

CE
CSA Compliant



BioPette™ Plus Autoclavable Single Channel Pipettes

The BioPette™ Plus pipettes are designed with a finger hook for exceptional comfort and easy single-hand operation. Lightweight and well balanced, the BioPette plus pipettes fit comfortably in either the right or left hand and offer very low plunger forces. Chemically resistant, maintenance-free seals and finely polished pistons provide unsurpassed accuracy sample after sample. The continuously adjustable, digital micrometer is slightly recessed with a volume lock to prevent unintentional change while pipetting.

For convenience, volume can also be adjusted by turning the push-button. Ergonomically positioned, the tip ejector reduces fatigue during prolonged use.

BioPette Plus pipettes have a universal shaft that will accept most pipette tips. The stainless steel tip ejector is adjustable to accommodate various styles of tips and removable for pipetting into narrow tubes. The BioPette Plus pipettes are fully autoclavable. Eight models cover the volume range from 0.1 µl to 10,000 µl. A calibration tool is included with each unit for easy in-lab recalibration. Pipettes are individually tested and supplied with a certificate of quality.



ACCURACY AND PRECISION

Volume Range	Accuracy	Precision
0.1-2.0 µl	±12 to ±1.5%	<6.0 to <0.7%
0.5-10 µl	±4.0 to ±0.5%	<2.8 to <0.4%
2-20 µl	±3.0 to ±0.8%	<1.5 to <0.3%
10-100 µl	±1.6 to ±0.8%	<0.8 to <0.2%
20-200 µl	±1.2 to ±0.6%	<0.6 to <0.2%
100-1,000 µl	±1.6 to ±0.6%	<0.40 to <0.15%
1,000-5,000 µl	±0.6 to ±0.5%	<0.25 to <0.15%
1,000-10,000 µl	±2.5 to ±0.5%	<0.6 to <0.2%

PART NUMBER	DESCRIPTION	TIP
P3942-2 Shop	0.1-2.0 µl	10 µl
P3942-10 Shop	0.5-10 µl	10 µl
P3942-20 Shop	2-20 µl	200 µl
P3942-100 Shop	10-100 µl	200 µl
P3942-200 Shop	20-200 µl	200 µl
P3942-1000 Shop	100-1,000 µl	1,000 µl
P3942-5000 Shop	1,000-5,000 µl	5,000 µl
P3942-10000 Shop	1,000-10,000 µl	10,000 µl
P3985 Shop	Carousel Universal Stand for Six Pipettes	
P3989 Shop	Universal linear rack for 6 pipettes	
P3942-SK4 Shop	BioPette Plus Four Pack starter kit containing 4 pipettes (0.5-10 µl, 2-20 µl, 20-200 µl and 100-1,000 µl), 3 racks of BioFree tips and a 6 place carousel stand	

BioPette™ Plus Autoclavable Multichannel Pipettes

Ideal for all standard 96 well formats, the BioPette Plus Multichannel Pipettes stand up to the wear and tear of constant use while maintaining excellent accuracy and reproducibility. Four overlapping volume ranges are available to precisely meet liquid handling requirements from 1 µl to 300 µl.

The ergonomic handle fits comfortably in either the right or left hand and has a slightly recessed volume adjustment wheel with volume lock to prevent accidental change. Volume setting can also be accomplished by turning the push-button. The BioPette Plus Multichannel pipettes offer reduced pipetting forces. The manifold rotates 360° for comfortable pipetting in any direction. An individual piston suspension system allows even sealing of tips across all channels without rocking the pipette. The curved ejector design pushes the tips off in steps, thus requiring minimal force to operate. Each channel has an independent, precision piston assembly to ensure accuracy and reproducibility from one pipetting series to the next as well as between channels.

Four volume ranges are available as both 8 and 12 channel models. Each pipette is individually tested and supplied with a certificate of quality and a calibration key.

The BioPette Plus multichannel pipettes are fully autoclavable.



ACCURACY AND PRECISION

Volume Range	Channels	Accuracy	Precision
1-10 µl	8	±8.0 to ±2.0%	<6.0 to <1.2%
5-50 µl	8	±4.0 to ±1.6%	<2.5 to <0.6%
20-200 µl	8	±3.0 to ±1.0%	<1.5 to <0.6%
50-300 µl	8	±1.6 to ±1.0%	<1.5 to <0.6%
1-10 µl	12	±8.0 to ±2.0%	<6.0 to <1.2%
5-50 µl	12	±4.0 to ±1.6%	<2.5 to <0.6%
20-200 µl	12	±3.0 to ±1.0%	<1.5 to <0.6%
50-300 µl	12	±1.6 to ±1.0%	<1.5 to <0.6%

PART NUMBER	VOLUME RANGE	CHANNELS	TIP
P4808-10 Shop	1-10 µl	8	10 µl
P4808-50 Shop	5-50 µl	8	200 µl
P4808-200 Shop	20-200 µl	8	200 µl
P4808-300 Shop	50-300 µl	8	200/300 µl
P4812-10 Shop	1-10 µl	12	10 µl
P4812-50 Shop	5-50 µl	12	200 µl
P4812-200 Shop	20-200 µl	12	200 µl
P4812-300 Shop	50-300 µl	12	200/300 µl
P3989 Shop	Universal linear rack for 6 pipettes		

CONSTANT TEMPERATURE EQUIPMENT

DRY BATHS
HOT PLATE STIRRERS
INCUBATORS
SHAKING INCUBATORS
HYBRIDIZATION OVENS
WATER BATHS



AccuBlock™ Mini-Compact Dry Bath

The AccuBlock Mini combines digital control, a fast heating microtube block and a convenient AccuRack™ transfer system, all in an ultra compact footprint. With a temperature range to 100°C which can be set in increments of 0.1°C, Labnet's AccuBlock Mini is suitable for a range of uses in life science, molecular biology, environmental and industrial laboratories and a variety of applications including incubation, enzyme reactions, and immunoassays. The small form factor allows it to find a place on even the most crowded laboratory benchtop and it is easy to transport.

The packaging includes the 12 x 1.5mL block as well as the convenient AccuRack, which is designed to allow quick loading or unloading of all sample tubes simultaneously. The rack fits onto the top of the unit and its self-standing design allows it to hold samples when they are being prepped or loaded.



SPECIFICATIONS

Temperature range	Ambient +5° to 100°C
Temperature increments	0.1°C
Temperature uniformity	≤0.2°C
Temperature accuracy	≤0.2°C
Timer	0-19 hr 59 min or continuous
Block	Anodized Aluminum
Block capacity	12 x 1.5 mL tubes
Weight	3 lb/1.3 kg
Electrical	230V~, 50/60 Hz



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<http://bit.ly/2MKPNV1>

CE
CSA Compliant

PART NUMBER	DESCRIPTION
D0100-230V 	AccuBlock Mini Dry Bath with 12 x 1.5mL block

Digital Dry Baths

Labnet Digital Dry Baths are available in single, dual, and four block configurations and provide a broad temperature range up to 150°C, which makes them useful for a variety of applications in molecular biology, histology, clinical, environmental, and industrial laboratories. These Dry Baths have been designed to incorporate the best combination of features including block capacity, dual displays, and an external temperature probe that gives life science researchers the confidence and efficiency they need when working with precious samples.

- New improved features
- Compatible with previous Dry Bath blocks
- Same reliable performance

SPECIFICATIONS

Temperature Range	Ambient +5° to 150°C
Timer	1 min - 99 hr 59 min or continuous
Temperature Uniformity	±0.2°C
Temperature Accuracy	±0.3°C
Display Increments	0.1°C/1 min
Block capacity	1, 2 or 4 blocks
Chamber Construction	Uniformly molded
Block lid	Included
Interface	USB
Dimensions (W x D x H)	
Single block	8.3 x 12.4 x 4.7 in/21 x 29 x 12 cm
Dual block	8.3 x 12.4 x 4.7 in/21 x 29 x 12 cm
Four block	8.3 x 16.3 x 4.7 in/21 x 39 x 12 cm
Weight	
Single block	7.0 lbs/3.2 kg
Dual block	7.0 lbs/3.2 kg
Four block	9.6 lbs/4.4 kg
External temperature probe	Optional accessory



PART NUMBER	DESCRIPTION
D1301-230V Shop	Labnet Dry Bath, Single block, (unit only) 230V
D1302-230V Shop	Labnet Dry Bath, Dual block, (unit only) 230V
D1304-230V Shop	Labnet Dry Bath, Four block, (unit only) 230V



Dry Bath Blocks

Designed for use with the AccuBlock Digital Dry Baths on the previous page, these blocks are supplied in a variety of different formats to accept tubes from 0.2 mL to 50 mL as well as microplates and slides. A solid block is also available for custom machining.

The blocks are made of high grade, non-porous aluminum and precision machined for a close fit with sample containers - important for fast and efficient heat transfer. Anodizing adds corrosion resistance.

Most blocks, except those designed for use with plates and slides, include a position for a thermometer and a hole for use with the block lifter tool (supplied with the bath). The unique PopStopper accessory, sold separately, fits on the microtube blocks to keep tube lids from popping open during heating.

The AccuRack™ accessory accommodates 20 x 1.5 mL tubes and fits onto the D1105A block. The rack can be used to quickly transfer sample into and out of the block and is self standing. Insulated handles protect users fingers. The rack can be used at temperatures up to 150°C and is autoclavable.



SPECIFICATIONS

Construction	Anodized, high grade, non-porous aluminum
Thermometer Well	Available in all blocks except those used with plates and slides
Compatibility	Labnet's high grade blocks will work in any manufacturers' dry bath with an opening of 3.05 x 3.60 inches. Block D1196-PCR requires a depth of 2.125 inches or less.

PART NUMBER	DESCRIPTION
D1101	Shop Solid Block for machining (no holes)
D1102	Shop Block, 48 x 0.2 mL PCR tubes or 6 x 0.2 mL strips
D1102A	Shop Block, 24 x 2.0 mL tubes
D1105	Shop Block, 24 x 0.5 mL tubes
D1105A	Shop Block, 24 x 1.5 mL tubes
D1105-RACK	Shop AccuRack accessory for 20 x 1.5 mL tubes, compatible with D1105A, pk of 3
D1106	Shop Block, 35 x 6 mm tubes
D1110	Shop Block, 20 x 10 mm tubes
D1112	Shop Block, 20 x 12 mm tubes
D1113	Shop Block, 20 x 13 mm tubes
D1115-TALL	Shop Block, 12 x 15 mL centrifuge tubes
D1116	Shop Block, 12 x 15 or 16 mm tubes
D1117	Shop Block, 12 x 17 mm tubes
D1120	Shop Block, 6 x 20 mm tubes
D1125	Shop Block, 6 x 25 mm tubes
D1150-TALL	Shop Block, 5 x 50 mL centrifuge tubes
D1196-PCR	Shop Single Block, 96 well PCR plate, skirted or nonskirted (for single block unit only)
D1296	Shop Dual Block, 96 well microtiter plate or 4 slides (for dual block unit only)
D1296-PCR	Shop Dual Block, 96 well PCR plate, skirted or nonskirted (for dual block unit only)
D1100-PS	Shop PopStopper for microtube blocks, D1102, D1102A, D1105, D1105A
D12384	Shop Dual Block, 384 well PCR plate (for dual block unit only)

AccuPlate™ Analog HotPlate and Magnetic Stirrers

Labnet's analog hot plate stirrers were developed to be safe and reliable, making them ideal for the Science and Education or Research markets.

The detailed control panel includes actual values to allow for accurate setting of both RPM and temperature. The 7" x 7" ceramic coated top plates are resistant to chemicals and coated in a pure white, for easy observation of sample color change. The top plate has a maximum temperature rating of 380°C and provides quick thermal conduction and uniform surface temperature. Each stirring model contains a powerful motor, which can be precisely controlled for smooth start and stop to prevent fluid spill over or decoupling of stir bar.

Safety features for all models include a hot top indicator lamp and control panel extended away from the hot surface as well as a power switch conveniently positioned on the front side of the unit. A built in support rod holder with locking knob can accept the optional Support Rod.



PART NUMBER	DESCRIPTION
D0300-230V Shop	Analog Hot Plate, 230V
D0310-230V Shop	Analog Magnetic Stirrer, 230V
D0320-230V Shop	Analog Hot Plate Stirrer, 230V
D0300-SR	Support Rod (included with D0300 & D0320)

CONSTANT TEMPERATURE - HOT PLATE & STIRRERS

SPECIFICATIONS		D0300	D0310	D0320
Stirring	Speed	-	100 ~ 1500/RPM	100 ~ 1500/RPM
	Capacity	-	100 mL - 5L	100 mL - 5L
	Control	Electronic	Electronic	Electronic
Watts		680W	15W	695W
Dimensions (w x d x h)	Plate area	180 x 180mm (7 x 7 in)	180 x 180mm (7 x 7 in)	180 x 180mm (7 x 7 in)
	Overall	200 x 300 x 115 mm	200 x 300 x 115 mm	200 x 300 x 115 mm
Electrical		220V 50/60 Hz	220V 50/60 Hz	220V 50/60 Hz
RPM (Max)		-	1,500 rpm	1,500 rpm
Hot Plate Temperature (Max)		Up to 380° C	-	Up to 380° C

AccuPlate™ Digital HotPlates and Magnetic Stirrers

Labnet's AccuPlate hot plate stirrers are available in analog or digital models, making them ideal for both the Science and Education or Research markets.

The analog hot plate stirrers are designed with a 7" x 7" ceramic coated top plate that provides an even heating surface with a maximum temperature rating of 380°C. Stirring models have a speed range between 100-1,500 rpm. To allow for accurate programming, these units have actual temperature and speed ranges printed on the control panel.

The digital hot plate stirrers are equipped with a 5" x 7" fully ceramic top plate that is extremely durable, easy to clean and is highly resistant to chemical attack. In addition, the ceramic plates can reach a maximum temperature of 550°C. The white colored surface makes it easy to view color changes in applications such as titrations. Stirring models have a speed range between 60-1,150 RPM.

Every AccuPlate Hotplate and Hotplate Stirrer model incorporates a powerful heating and motor drive systems as well as fine tune controls designed to minimize stir bar decoupling. Each unit is built for consistent performance and long term reliability. Safety features for all models include a hot top indicator lamp and extended control panel that protects the electronics in case of an accidental spill. A built in support rod holder with locking knob can accept the optional Support Rod. With six models in the range AccuPlate™ to choose from, there is an AccuPlate to meet every lab's need.



SPECIFICATIONS	AccuPlate HotPlate	AccuPlate Stirrer	AccuPlate HotPlate Stirrer
Temperature Range *	5° - 550°C (41° - 1022°F)	N/A	5° - 550°C (41° - 1022°F)
Temperature accuracy	± 2°C	N/A	± 2°C
Speed range	N/A	60 - 1150 rpm	60 - 1150 rpm
Top Plate Material	Ceramic	Ceramic	Ceramic
Top Plate Size	12.7 x 17.8 cm (5" x 7")	12.7 x 17.8 cm (5" x 7")	12.7 x 17.8 cm (5" x 7")
Dimensions (W x D x H)	19.7 x 28 x 10.8 cm	19.7 x 28 x 10.8 cm	19.7 x 28 x 10.8 cm
Weight	2.7 kg (6.0 lbs.)	3.2 kg (7.0 lbs.)	3.2 kg (7.0 lbs.)
Electrical	230V, 50/60Hz	230V, 50/60Hz	230V, 50/60Hz

*Temp range when using external temp controller is 5 - 200°C

PART NUMBER	DESCRIPTION
D0400-230V	Hot Plate, 5" x 7", Digital
D0410-230V	Stirrer, 5" x 7", Digital
D0420-230V	Hot Plate/Stirrer, 5" x 7", Digital
D0461	Accessory kit, includes D0462 and D0466
D0462	External temperature probe
D0463	PTFE Stir bar
D0464	Boss head clamp, holds D0465
D0465	Holding rod for D0462
D0466	Vertical support rod



Mini Incubator

Labnet's compact mini incubator is designed for personal use, small laboratories and classrooms. The units feature a broad temperature range to meet a variety of small sample applications.

Multiple heating elements provide even heating and uniformity and the hydraulic thermostat ensures temperature stability within the chamber. A thermometer port in the top of the unit allows the user to monitor temperatures. The large window in the door gives a clear view of the contents which can include up to 48 petri dishes or 28 standard microplates. Shelves can be placed at two points within the corrosion resistant chamber. A cord port allows small mixers to be placed in the incubator.



I5110A-MLR

SPECIFICATIONS

Temperature range	Ambient +5° to 70°C
Capacity	9.2 Litres/0.375 cu. ft.
Controls	Analog
Exterior dimensions (W x D x H)	11.2 x 11 x 13.2 in 28.5 x 28 x 33.5 cm
Interior dimensions	9 x 7.9 x 7.9 in 21 x 20 x 20 cm
Weight	8.3 kg/18.4 lb
Electrical	230V~, 50-60 Hz

PART NUMBER	DESCRIPTION
I5110A-230V Shop	Mini Incubator, 230V
I5110A-MLR-230V	Mini Incubator with Mini Lab Roller and rotisserie for 1.5, 15 and 50 mL tubes (max temp 55°C)
I5110-SHELF Shop	Additional shelf, 22 x 18 cm
W0020-110C Shop	Non-toxic, PTFE coated thermometer, h -20° to 110°C, with 1° resolution, 305mm long, 76mm immersion



CE
CSA Compliant

AccuTherm Microtube Shaking Incubator

The AccuTherm is a temperature controlled vortexer that uses peltier technology to rapidly heat and cool precious samples. Its compact footprint incorporates an intuitive control panel with large multi-color display, which allows users to easily program and view temperature, time and speed settings.

Eight interchangeable aluminum blocks accommodate PCR plates and a variety of common tube sizes, including a multi-block that holds both 0.5mL and 1.5mL tubes. The combination of heating and cooling with mixing makes the AccuTherm ideal for many life science research applications in the fields of molecular biology, biochemistry and clinical chemistry.



I-4000-A



I-4000-B



I-4000-C



I-4000-D



I-4000-E



I-4000-G



I-4000-J



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<http://bit.ly/2KxuOIA>

SPECIFICATIONS

Temp Setting Range	0-105°C
Temp Control Range	Ambient -14°C to 100°C
Timer range	1min - 99h 59min
Mixing Speed	300-1500 rpm
Mixing orbit	3mm
Temp Control Accuracy	+/- 0.5°C
Temp Uniformity	+/- 0.5°C
Heating Time	6.5°C/minute
Cooling Time	1.5°C/minute
Noise level	<60 dBA
Blocks	8 available sizes
Dimensions	12.9 x 6.5 x 9.8 in
	33 x 16.6 x 24 cm
Weight	18.75 lbs/8.5 Kg

PART NUMBER	DESCRIPTION
I-4002-HCS Shop	AccuTherm Microtube Shaking Incubator, 230V
I-4000-A Shop	Block A, 40 x 1.5mL
I-4000-B Shop	Block B, 54 x 0.5mL
I-4000-C Shop	Block C, 96 x 0.2mL
I-4000-D Shop	Block D, 24 x 15mm
I-4000-E Shop	Block E, Water bath (ID: 115 x 73 x 38mm)
I-4000-G Shop	Block G, 26 x 0.5mL and 24 x 1.5mL
I-4000-H Shop	Block H, 40 x 2.0mL
I-4000-J Shop	Block J, 96 Well ELISA Plate



CSA Compliant

VorTemp 1550™ Shaking Incubator

Designed for simultaneous heating and mixing of small samples, the VorTemp 1550 includes platforms for 8 x 50 mL and 18 x 15 mL tubes.

Temperature and shaking speed are adjustable over a broad range, making the VorTemp useful for a variety of applications, including bacterial cultures. Mechanical convection provides a uniform and stable environment.

A microprocessor controls all parameters including temperature and timed operation. Self diagnostic software continuously monitors the unit for proper temperature and shaking speed, alerting the user to any errors. Heating and shaking are controlled by feedback loops which precisely maintain chosen parameters, independent of load or voltage fluctuations. The sturdy construction of the VorTemp provides stability during high speed shaking. The chamber is fully insulated to maintain uniform temperature and to reduce operating noise.



S2056-Q

SPECIFICATIONS	VorTemp 1550
Temperature range	Ambient +5°C to 99°C
Temperature accuracy	±0.5°C
Speed range	200 - 900rpm
Motion/orbit	Circular/3 mm
Timer	1 - 99 min or continuous
Capacity	18 x 15 mL 8 x 50 mL tubes
Dimensions (W x D x H)	10 x 12.3 x 12 in 26 x 31 x 31 cm
Weight	26.6 lb/12 kg
Electrical	230V~, 50 Hz



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<http://bit.ly/2tWvYTv>

PART NUMBER	DESCRIPTION
S2050A-230V Shop	VorTemp 1550 Shaking Incubator for 15 and 50 mL tubes
S2056-R Shop	Additional platform/workstation for microtubes
S2056-Q Shop	Microplate platform

CE
CSA Compliant

CONSTANT TEMPERATURE - BENCH TOP SHAKERS



ProBlot™ 6/12 and 12S Hybridization Ovens

The ProBlot 6/12 and 12S Hybridization Ovens utilize the proven rotisserie method for hybridization. In addition, the ProBlot 12S has a built-in shaker, making it a truly versatile incubator.

The rotisserie and incubation system in the ProBlot ovens provides the perfect conditions for consistent results with low background.

Mechanical convection circulates air through the chamber to create an extremely uniform environment, while heat input is controlled by a microprocessor. A see through window in the door allows for sample visualization without disrupting the temperature.

The desired agitation level is obtained with the variable speed and adjustable axis rotisserie.

The integrated shaker in the ProBlot 12S has an orbit of 10mm and a maximum speed of 300 rpm. Shaker operation is controlled by a 2 hr timer with a hold position. The standard shaking platform has a non-slip rubber mat for shaking plates, dishes and boxes.

Interiors are corrosion resistant, mirrored stainless steel. The ovens are provided with a rotisserie that holds both 35mm diameter bottles and 50mL disposable tubes, a drip tray, two large bottles and a pack of hybridization mesh.



SPECIFICATIONS	ProBlot 6/12	ProBlot12S
Bottle capacity	(6) 6 lg. /12 sm. (12) 12 lg./24 sm.	
Rotisserie/rocker speed	to 20 rpm	4 to 20 rpm
Temperature range	Amb. +5° to 80°C	Amb. +5° to 80°C
Temperature control	Microprocessor	Microprocessor
Temp. resolution/uniformity	0.1°C/0.5°C	0.1°C/0.5°C
Shaker speed/orbit	N/A	10 to 300 rpm/10mm
Timer	N/A	0 - 99 min or hold
Exterior dimensions (WxDxH)	19 x 17.5 x 19.5 in/48.3 x 44.5 x 49.5 cm	19 x 17.5 x 19.5 in/48.3 x 44.5 x 49.5 cm
Chamber dimensions (WxDxH)	14.5 x 11 x 13.5 in/36.8 x 27.9 x 34.3 cm	14.5 x 11 x 13.5 in/36.8 x 27.9 x 34.3 cm
Weight	59 lb/26.8 kg	65 lb/29.5 kg
Electrical	230V~, 50/60 Hz	230V~, 50/60 Hz

PART NUMBER	DESCRIPTION
H0600A-230V Shop	ProBlot 6 Hybridization Oven with 2 large bottles and one pk of mesh
H1200SA-230V Shop	ProBlot 12S Hybridization Oven with built-in shaker, 2 large bottles, 1 pk mesh



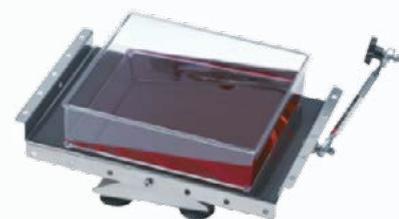
ProBlot™ Hybridization Oven Accessories

ProBlot Hybridization Oven accessories include rocking platforms, shaking platforms (ProBlot 12S only), various rotisseries, different sizes of bottles and hybridization mesh.

Both of the ProBlot Hybridization Ovens will accept a rocking platform when the rotisserie is removed. The platform connects to the rotisserie hub and operates from the same controls as the rotisserie. Optional rotisseries include those for 1.5 mL, 15 mL and 50 mL disposable tubes. Various shaker platforms are available for the ProBlot 12S.

Labnet's ProBlot hybridization bottles are constructed of high quality borosilicate glass which meets or exceeds the requirements for Class I, Type A glass of ASTM 438. Heavy walled, they block >95% of the beta emissions given off by ³²P. The high temperature caps have a rugged PTFE seal for leakproof performance, even after repeated use. The seals fit tightly into the caps and will not fall out when the caps are removed from the bottles. Bottles, caps and seals are resistant to all common hybridization reagents, including PEG. A convenient rack can be used for storing bottles upright when not in use.

Hybridization mesh, used to separate stacked membranes and aid in the flow of hybridization solutions between them, prevents membrane to membrane contact in areas of overlap and assists in the handling of blots. Labnet's hybridization mesh is made of an inert material that cleans up easily.



H1200-RA



H1200-250A



CSA Compliant

PART NUMBER	DESCRIPTION
H1200-RA Shop	Rocking platform with attachment hardware
H1212-40VA Shop	Rotisserie for 16 x 50 mL, vertical
H1264-VA Shop	Rotisserie for 64 x 1.5 mL or 32 x 15 mL, vertical
H1264-HA Shop	Rotisserie for 64 x 1.5 mL or 32 x 15 mL, horizontally
H1200-250A Shop	Flask platform with 6 x 250 mL flask clamps, for ProBlot 12S only
H1200-18 Shop	Universal platform for flask clamps (max. 2 x 1 L, 5 x 500 mL, 12 x 125 mL, 15 x 50 mL), for ProBlot 12S only
H9088 Shop	Large hybridization mesh, 23 x 23 cm, pk of 5 sheets
H9089 Shop	Small hybridization mesh, 10 x 15 cm, pk of 5 sheets
H9090 Shop	Roll of hybridization mesh, 40 in. x 5 yards (100 cm x 4.6 m)

Mini Water Bath

The Mini Water Bath has a 6 Litre capacity to accommodate test tube racks or up to three 250 mL flasks. A powerful 550W heater allows for quick temperature adjustment. A hydraulic thermostat ensures accurate temperature control. The seamless, stainless steel chamber is corrosion resistant and easy to clean. A stainless steel gable cover helps to retain heat in the bath and control evaporation. A clip is included for suspending a thermometer in the bath.



SPECIFICATIONS

Temperature range	Ambient +5° to 100°C
Capacity	6 Litres
Controls	Analog
Exterior dimensions (W x D x H)	14 x 11 x 13 in 36 x 28 x 32 cm
Interior dimensions	32 x 17 x 18 cm 12.6 x 6.7 x 6.9 in
Weight	7.7 kg/17 lb
Electrical	230V~, 50-60 Hz

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PART NUMBER	DESCRIPTION
W1106A-230V Shop	Mini Water Bath with stainless steel gable cover and thermometer clip
W0020-100C Shop	Non-toxic, PTFE coated thermometer, -20° to 110°C, with 1° resolution, 305mm long, 76mm immersion

AGITATION EQUIPMENT

VORTEXER
ORBITAL SHAKERS
3-D SHAKERS
ROTATORS
RECIPROCAL SHAKERS
ROCKING PLATFORMS



VX-200 Vortex Mixer

The VX-200 Vortex Mixer features a true circular orbit for even distribution of vortexing across the entire speed range. Variable speed makes the unit useful for a variety of applications from gentle mixing to resuspending pellets.

The standard head supplied with the vortexer, the CombiCup™, will accommodate a single tube or a whole handful. The head is easily removed and replaced with optional heads that accommodate tubes of a variety of sizes as well as microplates.

An optimized counter balance enables the vortex mixer to be lightweight and stable during operation. The powerful motor provides efficient mixing and a long service life. Two modes allow for “touch” or continuous operation.

The VX-200 is safe for cold room or incubator use.



S0200-21



S0200-23



S0200-24



S0200-25



S0200-26



S0200-27

SPECIFICATIONS

Speed range	230V: 0 - 2,850 rpm
Operating modes	Touch or continuous
Ambient operating range	+4° to 65°C
Dimensions (W x D x H)	5.5 x 6.3 x 5.1 in/14 x 16 x 13 cm
Weight:	4.84 lb/2.2 kg
Electrical:	230V~, 50 Hz



PART NUMBER	DESCRIPTION
S0200-230V Shop	VX-200 Vortex Mixer with CombiCup head, 230V
S0200-21 Shop	Optional head att. for 24 x 1.5/2.0 mL tubes, 24 x 0.5 mL tubes and 32 x 0.2 mL tubes (or 4 tube strips)
S0200-22 Shop	Optional head attachment for 1 microplate or 64 x 0.2 mL tubes or 8 x 0.2 mL tube strips
S0200-23 Shop	Optional head attachment for 8 x 15 mL and 8 x 12/13 mm diameter tubes
S0200-24 Shop	Optional head attachment for 6 x 50 mL tubes
S0200-25 Shop	Optional head attachment for 12 x 1.5/2.0 mL tubes, held horizontally
S0200-26 Shop	Optional head attachment for 4 x 15 mL tubes, held horizontally
S0200-27 Shop	Optional head attachment for 2 x 50 mL tubes, held horizontally

Orbit™ Digital Microtube and Microplate Shakers

The Orbit P2 and P4 digital shakers feature variable speed across a broad range, making them useful for a variety of applications. Both time of operation and shaker speed are set digitally with a single knob with their values shown on the large 3-digit LED. A sturdy base encloses the motor for quiet, vibration-free operation. All three models can be used in temperature controlled environments. Their compact size makes them ideal for use in the incubators.

The Orbit P2 and Orbit P4 vortexers accept all standard microplates. (For higher capacity and deep well plates, please see Orbit 300). Retaining springs on the contoured steel platform hold samples in place. The Orbit P2 holds two microplates while the Orbit P4 holds four.



SPECIFICATIONS

Speed range	100 - 1,200 rpm (230V)
Timer	0 - 99 min or continuous
Motion/orbit size	Circular, 3 mm
Maximum capacity	M60: 60 x 1.5/2.0 mL microtubes P2: 2 microplates P4: 4 microplates
Maximum load	0.66 lb/0.3 kg
Ambient operating range	+4° to 65°C
Base dimensions (W x D x H)	7.4 x 11.8 x 5.9 in/18.8 x 30 x 15 cm
Weight	9.5 lb/4.3 kg
Electrical	230V~, 50 Hz

PART NUMBER		DESCRIPTION
S2020-P2-B-230V	Shop	Orbit P2 Digital Shaker with platform for 2 microplates, 230V
S2020-P4-B-230V	Shop	Orbit P4 Digital Shaker with platform for 4 microplates, 230V
S2020-R	Shop	Extra workstation/transfer rack

CE
CSA Compliant

Orbit™ LS Low Speed Shaker

The Orbit LS low speed shaker is a high quality, general purpose shaker with economical analog control.

Styled after the other models in the line, the Orbit LS features a streamlined, compact design with easy-access control panel. Electronic controls are utilized for setting speed and time. The knobs used for selecting parameters turn easily and are clearly marked with corresponding values.

A large orbit and low speed make the Orbit LS useful for staining and destaining gels, washing blots and general mixing. The shaker is supplied with a 30 x 30 cm stainless steel flat platform and non-slip rubber mat to keep plates, dishes and other sample containers in place.

Safe for use in temperature controlled environments, the small profile of this shaker makes it ideal for use in incubators.



SPECIFICATIONS

Speed range	3 - 60 rpm
Timer	20 - 120 min (10 min inc.) or continuous
Motion	Circular, 19 mm
Maximum load	11 lb/5 kg
Ambient operating range	+4° to 70°C
Dimensions (W x D x H)	10.3 x 13.3 x 5.1 in/26.2 x 33.7 x 13 cm
Weight	14.5 lb/6.6 kg
Electrical	230V~, 50 Hz

PART NUMBER	DESCRIPTION
S2030-LS-B-230V Shop	Orbit LS Low Speed Orbital Shaker with flat platform (30 x 30 cm)
S2031-12D Shop	Two stacked platforms (30 x 30 cm) for use with Orbit 1000/Orbit LS
E2110-BBS Shop	Blot box, 9.1 x 6.6 cm, 3-50 mL capacity for mini protein gels, pk of 10
E2110-BBL Shop	Blot box, 11.7 x 8.9 cm, 6-10 mL capacity for larger mini protein gels, pk of 10

CE
CSA Compliant



E2100-BBS



S2110-BBL

Orbit™ 1900 High Capacity Shaker

The Orbit 1900 shaker is designed for continuous use and heavy loads. Its solid construction and counter balanced drive system provide vibration-free operation.

Operation of the shaker can be timed or continuous, while the speed is variable. Both time and speed are set digitally with a single knob. Values are shown on the large, three digit LED display.

Three heavy-duty stainless steel platforms are available to accommodate a variety of different sizes of sample containers. The flat platform is useful for trays, plates, boxes and other containers. A non-slip mat on the platform surface keeps items in place. Flasks are held on the flask platform through the use of clamps (sold separately). As many as five 2L or six 1L flasks can be shaken on the platform. A universal bar clamp platform adjusts to hold odd shaped containers. Suitable for use in an incubator or cold room.



S2040-18



S2040-12

SPECIFICATIONS

Speed range	20 - 300 rpm
Timer	0 - 99 min or continuous
Motion/orbit size	Circular, 19 mm
Maximum load	22 lb/10 kg
Ambient operating range	+4° to 65°C
Dimensions (W x D x H)	15.3 x 16.8 x 6.2 in/38.9 x 42.7 x 15.8 cm
Weight	46.2 lb/20.9 kg
Electrical	230V~, 50 Hz

PART NUMBER	DESCRIPTION
S2040-1900-230V Shop	Orbit 1900 Digital Shaker, without platform
S2040-12 Shop	Flat platform with nonslip mat (40 x 50 cm)
S2040-15 Shop	Universal bar clamp platform for holding a variety of containers
S2040-18 Shop	Platform for flask clamps (clamps sold separately)
S2040-25 Shop	Clamp for 25 mL Erlenmeyer flask (max. 28)
S2040-50 Shop	Clamp for 50 mL Erlenmeyer flask (max. 28)
S2040-85 Shop	Clamp for 125 mL Erlenmeyer flask (max. 28)
S2040-99 Shop	Clamp for 250 mL Erlenmeyer flask (max. 20)
S2040-09 Shop	Clamp for 500 mL Erlenmeyer flask (max. 10)
S2040-01 Shop	Clamp for 1 L Erlenmeyer flask (max. 6)
S2040-02 Shop	Clamp for 2 L Erlenmeyer flask (max. 5)



CSA Compliant

GyroTwister™ 3-D Shaker

The three dimensional shaking motion of the GyroTwister is extremely efficient, yet gentle, making it ideal for general mixing as well as staining gels, hybridization and other applications.

The GyroTwister 3D features variable speed across a broad range. The tilt angle of the standard model is fixed while the pitch of the adjustable version is easily changed by turning the dial in the center of the platform.

The shaker is supplied with a 30 x 30 cm platform with non-slip mat as well as a dimpled mat for holding tubes. Larger platforms and a stacked standard platform configuration are available to increase shaker capacity. All platforms are made of corrosion resistant stainless steel to prevent bending and warping. The GyroTwister 3D is safe for use in temperature controlled environments, from 4° to 65°C.

The GyroTwister is also available with an adjustable tilt angle and can be order as S1000-A-B.



SPECIFICATIONS

	Gyro Twister	Gyro Twister Adjustable
Speed range	3 - 60 rpm	
Timer	20 - 120 min or continuous	
Motion/pitch	3D/fixed 7° pitch	3D/adjustable ±10°
Maximum load	11 lb/5 kg	
Ambient operating range	+4° to 70°C	+4° to 65°C
Dimensions (W x D x H)	13 x 13.9 x 8.3 in / 33 x 35.2 x 21 cm	
Weight	14.3 lb/6.6 kg	
Electrical	230V~, 50/60 Hz	

PART NUMBER	DESCRIPTION
S1000-B-230V Shop	GyroTwister 3-D shaker with 30 x 30 cm non-slip platform and dimpled tube mat
S1000-30 Shop	Stacking platform, 30 x 30 cm, with hardware
S1000-40 Shop	Large platform 40 x 40 cm, with non-slip rubber mat
S1000-50 Shop	Extra large platform, 50 x 50 cm, with non-slip rubber mat
S1000-M Shop	Dimpled mat, 30 x 30 cm, for holding tubes
S2025-T Shop	Elastic tie downs, pk of 4

CE
CSA Compliant

GyroMini™ and Enduro™ MiniMix™ Nutating 3-D Mixers

The GyroMini and Enduro Mini Mix are compact mixers that combine the motions of an orbital shaker and a rocker to produce a three dimensional action. This action provides thorough yet gentle mixing without foaming.

The pitch and speed of the GyroMini are fixed to provide the optimal motion for mixing and resuspending samples in small containers such as blood and centrifuge tubes. A dimpled mat on the platform surface holds tubes firmly in place. The mat will hold as many as 60 x 1.5 mL tubes, 30 pediatric blood tubes (3 mL), 21 standard blood tubes (7 mL), 17 x 15 mL tubes or 9 x 50 mL tubes.

The Enduro MiniMix has a pitch and speed that produces the perfect motion for processing western blots and staining gels. The tilt angle is large enough to provide thorough distribution of solutions, yet is small enough to keep the center of the blot from drying out. Minimal amounts of solution can be used, conserving valuable probes and antibodies. A non-slip mat holds blotting boxes in place on the platform.

Both shakers may be used in temperature controlled environments.



SPECIFICATIONS	GyroMini	Enduro MiniMix
Speed range	24 rpm*	18 rpm*
Motion/pitch	3-D/fixed 20°	3-D/fixed 5°
Maximum load	1.75 lb/0.8 kg	1.75 lb/0.8 kg
Ambient operating range	+4° to 65°C	+4° to 65°C
Dimensions (W x D x H)	9.5 x 6.75 x 6 in/24.1 x 17.15 x 15.24 cm	9.75 x 6.75 x 6 in/24 x 17.15 x 15 cm
Weight	1.9 lb/0.88 kg	1.9 lb/0.88 kg
Electrical	230V~, 50 Hz	230V~, 50 Hz

CE
CSA Compliant

PART NUMBER	DESCRIPTION
S0500-230V-UK Shop	GyroMini 3-D shaker with dimpled rubber mat
S0600-230V-UK Shop	Enduro MiniMix 3-D shaker with non-slip mat and two large blotting boxes
E2110-BBS Shop	Blotting box, 9.1 x 6.6 cm, 3-5 mL gel capacity, for mini protein gels, pk of 10
E2110-BBL Shop	Blotting box, 11.7 x 8.9 cm, 6-10 mL gel capacity, for larger mini protein gels, pk of 10
S0500-MAT Shop	Mat, Dimpled Rubber For Mini Nutating Mixer



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LabRoller™ Rotator

Labnet's LabRoller Rotators are ideal for a wide range of applications on the bench or in temperature controlled environments. Multiple rotisseries and carousels are available, including bottle rotisseries for hybridization and western blotting.

Speed of rotation is adjustable from 3 to 60 rpm. When the rotators are used with carousels, the position of the rotation axis is adjustable from horizontal to a vertical position (90°). This allows for complete control over the level of agitation.

Two versions of the LabRoller Rotator are available. The standard model accepts rotisseries, carousels and a rocking platform. The compact version accepts the carousels and rocking platform. A variety of rotisseries and carousels are available to hold sample containers such as hybridization bottles, 15 and 50 mL tubes, blood tubes and Erlenmeyer flasks. Carousels may be stacked in both units for higher sample capacity.



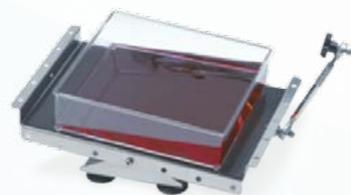
H5000



H5100 & H5116-15A



H5132-VA



H1200-RA

SPECIFICATIONS

Speed range	3 to 60 rpm
Rotation axis	Adjustable, 0° to 90°
Ambient operating temp.	+4° to 65°C
Dimensions (W x D x H)	18.5 x 10.6 x 9.7 in/47 x 27 x 24.5 cm
Weight	17.6 lb/8 kg
Electrical	230V~, 50/60 Hz

PART NUMBER	DESCRIPTION
H5000-230V Shop	LabRoller Rotator (order rotisserie/carousel separately)
H5100-230V Shop	Compact LabRoller Rotator (order carousel separately)
H1200-RA Shop	Rocking platform, fits both H5000 and H5100
H1212-35A Shop	Rotisserie for 12 of 300 x 35 mm diameter bottles, 24 of 1503 5x mm diameter bottles or 24 of 50 mL tubes horizontal, fits H0050 only
H1212-40VA Shop	Rotisserie for 12 x 50 mL, vertical, fits H5000 only
H1264-VA Shop	Rotisserie for 64 x 1.5 mL or 32 x 15 mL, vertical, fits H5000 only
H1264-HA Shop	Rotisserie for 64 x 1.5 mL or 32 x 15 mL, horizontal, fits H5000 only
H5108-50A Shop	Carousel for 8 x 50 mL tubes, vertical, fits both H5000 and H5100
H5116-15A Shop	Carousel for 16 x 15 mL tubes, vertical, fits both H5000 and H5100
H5132-HA Shop	Carousel for 32 x 1.5 mL microtubes, horizontal, fits both H5000 and H5100
H5132-VA Shop	Carousel for 32 x 1.5 mL microtubes and blood collection tubes or 16 x 15 mL conical tubes fits both H5000 and H5100
H5250-4A Shop	Carousel for 4 x 250 mL Erlenmeyer flasks, fits both H5000 and H5100
H5100-RODS Shop	Carousel stacking rods, fits both H5000 and H5100



CSA Compliant

Revolver™ Rotator

The unique design of the Labnet Revolver allows for mixing tubes horizontally, vertically, or at any position in between simply by turning the rotisserie plate.

Rotating tubes horizontally produces a gentle mixing motion for applications such as hybridization. Turning the rotisserie plate 90° so that the tubes are positioned vertically results in an end over end tumbling action, such as that required for mixing samples in blood tubes. Any position between these two extremes can be selected to produce the desired level of agitation.

Each rotisserie consists of two plates that can be adjusted independently of each other, thus allowing two types of motions to occur simultaneously in the same rotisserie. Rotisserie plates may be mixed and matched.

With its compact, portable design, the Revolver is easily transported from the bench to the cold room or incubator. The molded housing and rotisserie assembly are designed for easy cleaning and decontamination.

A 36 x 1.5/2.0 mL rotisserie is supplied with the unit. Rotisserie assemblies are also available for 15mL tubes as well as 50 mL tubes.



SPECIFICATIONS

Speed range	Fixed, 20 rpm
Rotation Axis	Continuously adjustable, 0 - 90°
Ambient operating temp.	+4° to 65°C
Dimensions (W x D x H)	9.4 x 5 x 6 in/23.9 x 12.7 x 15.24 cm
Weight	4.4 lb/2.0 kg
Electrical	230V~, 50/60 Hz

PART NUMBER	DESCRIPTION
H5600-230V-UK Shop	Revolver Rotator with rotisserie for 36 x 1.5/2.0 mL tubes
H5600-02 Shop	Rotisserie assembly for 36 x 1.5/2.0 mL tubes (supplied with unit)
H5600-15 Shop	Rotisserie assembly for 10 x 15 mL conical tubes (15 - 16 mm dia) and 16 5/7 mL tubes
H5600-50 Shop	Rotisserie assembly for 6 x 50 mL tubes



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<http://bit.ly/2KLOkSF>

CE
CSA Compliant

Mini LabRoller™ Rotator

Simple, yet versatile, the Mini LabRoller Rotator is designed for mixing samples in both a horizontal and vertical plane. The unit accepts a broad assortment of tube sizes as well as microplates. Safe for cold room or incubator use, this mixer meets a variety of needs in areas such as biochemistry, molecular biology, clinical testing and histochemistry.

As its name suggests, the Mini LabRoller is compact in design. Light-weight, and portable, it is easily moved from the bench to a hood. The unique design of this rotator allows the level of agitation to be adjusted from gently rotating, through two levels of tumbling, to end over end mixing simply by changing the rotisserie position or tilting the instrument. Rotisserie speed is fixed at 24 rpm.

The Mini LabRoller is supplied with a rotisserie for 36 x 1.5/2.0 mL tubes. Two optional rotisseries are available. The first holds ten standard or conical 15 mL tubes (or 15-16 mm diameter) as well as twelve 12 - 13 mm diameter tubes. The other holds six 50 mL conical tubes. Microplates can be used with any of the rotisseries.

For temperature controlled incubations, the Mini LabRoller is compatible and can be used inside Labnet's Mini Incubator.



SPECIFICATIONS

Speed range	Fixed, 24 rpm
Rotation axis	Adjustable, 0° to 90°
Ambient operating range	+4° to 55°C
Dimensions (W x D x H)	8.4 x 4 x 5 in/47 x 21.3 x 10.2 x 12.6 cm
Weight	4 lb/1.8 kg
Electrical	230V~, 50/60 Hz

PART NUMBER	DESCRIPTION
H5500-230V Shop	Mini LabRoller Rotator with rotisserie for 36 x 1.5/2.0 mL tubes
I5110A-MLR-230V	Mini LabRoller/Mini Incubator Combo, includes both units and the rotisseries
H5500-02 Shop	Rotisserie for 36 x 1.5/2.0 mL tubes (supplied with unit)
H5500-15 Shop	Rotisserie for 10 x 15 mL conical tubes (or 15-16 mm dia) and 12 x 12-13 mm dia tubes
H5500-50 Shop	Rotisserie for 6 x 50 mL tubes

CE
CSA Compliant

Pro 30 Reciprocal Shaker

Labnet's Pro 30 shaker features a left to right linear action to provide gentle to vigorous shaking. Four platform configurations make this model valuable for a variety of applications.

Modern styling gives the Pro30 a small footprint and easy-access control panel. Speed and time are electronically controlled while their values are set with easy turn knobs.

The four platform configurations include a large 30 x 30 cm flat platform with non-slip rubber mat to hold sample containers in place. For added capacity, a stacked double platform is also available. The spring loaded universal platform holds tube racks, bottles and odd shaped containers. Flasks up to 1L can be shaken on the flask clamp platform. Pre-drilled to hold a variety of different sized clamps, the platform and clamps are sold separately. Platforms are easily interchanged.

The Pro 30 is safe for use in temperature controlled environments. Compact in size, it will fit in many incubators.



H2031-13



H2031-18

SPECIFICATIONS

Speed range	6 - 150 strokes/min
Timer	20 - 120 min (10 min inc.) or continuous
Motion	Linear, 30 mm stroke length
Maximum load	11 lb/5 kg
Ambient operating range	+4° to 70°C
Dimensions (W x D x H)	10 x 12.6 x 6.3 in/25.5 x 32 x16 cm
Weight	14.5 lb/6.6 kg
Electrical	230V~, 50/60 Hz

PART NUMBER	DESCRIPTION
S2030-RC-B-230V Shop	Pro 30 Reciprocal Shaker without platform
S2031-12 Shop	Flat platform with non-slip rubber mat (30 x 30 cm)
S2031-12D Shop	As above, but two stacked platforms
S2031-13 Shop	Spring loaded platform for flasks, bottle or tube racks
S2031-18 Shop	Flask clamp platform without clamps, pre-drilled
S2040-85 Shop	Clamp for 125 mL flask (max. 16)
S2040-99 Shop	Clamp for 250 mL flask (max. 9)
S2040-09 Shop	Clamp for 500 mL flask (max. 5)
S2040-01 Shop	Clamp for 1 L flask (max. 4)

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ProBlot™ Rocker 25 and 25XL

The Labnet compact rockers, ProBlot 25 and 25XL, are ideal for staining, hybridization and general mixing. Their basic design and economical price makes them a great value for any laboratory.

Rocking speed is adjustable to provide the gentle motion required for staining fragile gels as well as the more vigorous action necessary for washing blots. The rocking movement is fixed at 7°.

The platform surfaces are covered with non-slip rubber pads to prevent sample containers from moving during operation. Elastic tie downs are available to secure bags, boxes, tubes and other containers in place. The ProBlot 25 platform measures 26 x 20cm, while the ProBlot 25XL platform is significantly larger at 30 x 30 cm. For increasing the work area without sacrificing valuable bench space, double platform models are available.

The ProBlot 25 and 25XL Rockers can be used safely in temperature controlled environments up to 65°C. Their low profile and compact size make them perfect for use in incubators.



SPECIFICATIONS

Speed settings	5 - 120 tilts/min
Timer	0 - 2 hr or continuous
Motion	Rocking
Tilt range	Fixed 7°
Clearance between platforms	3.5 in/9 cm
Maximum load	11 lb/5 kg
Ambient operating range	+4° to 70°C
Dimensions (W x D x H)	
ProBlot 25	11.4 x 12.6 x 5.7 in/29 x 32 x 14.5 cm
ProBlot 25XL	12.8 x 14.2 x 5.7 in/32.5 x 36 x 14.5 cm
Weight	11.7 lb/5.3 kg
Electrical	230V~, 50/60 Hz

PART NUMBER		DESCRIPTION
S2025-B-230V	Shop	ProBlot Rocker 25 with single platform (26 x 20 cm)
S2025-D-B-230V	Shop	ProBlot Rocker 25D with double platform (26 x 20 cm)
S2025-XL-B-230V	Shop	ProBlot Rocker 25XL with large single platform (30 x 30 cm)
S2025-XLD-B-230V	Shop	ProBlot Rocker 25XLD with large double platform (30 x 30 cm)
S2025-T	Shop	Elastic tie downs, pk of 4

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Notes

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