

## AGITATION EQUIPMENT

VORTEXERS  
ORBITAL SHAKERS  
3-D SHAKERS  
ROTATORS  
RECIPROCAL SHAKERS  
ROCKING PLATFORMS  
SHAKING INCUBATORS

## 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.



S0200-23



S0200-26

### SPECIFICATIONS

Speed range	120V: 0 - 3,400 rpm 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	120V~, 60 Hz or 230V~, 50 Hz

CAT NO.	DESCRIPTION
S0200*	VX-200 Vortex Mixer with CombiCup head, 120V
S0200-20	3” flat head adapter, with dimpled mat
S0200-21	Optional head attachment 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	Optional head attachment for 1 microplate or 64 x 0.2 mL tubes or 8 x 0.2 mL tube strips
S0200-23	Optional head attachment for 8 x 15 mL and 8 x 12/13 mm diameter tubes
S0200-24	Optional head attachment for 6 x 50 mL tubes
S0200-25	Optional head attachment for 12 x 1.5/2.0 mL tubes, held horizontally
S0200-26	Optional head attachment for 4 x 15 mL tubes, held horizontally
S0200-27	Optional head attachment for 2 x 50 mL tubes, held horizontally

\*To order 230V units add -230V to the end of the catalog number. Specify cord type by adding -EU or -UK.

## Orbit™ Digital Microtube and Microplate Shakers

The Orbit M60, 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.

### Orbit M60

Despite its small size, the Orbit M60 can process up to 60 microtubes at one time. 1.5/2.0 mL tubes are accommodated directly while smaller tubes can be used with adapters, sold separately.

### Orbit P2 and Orbit P4

These vortexers accept all standard microplates. (For higher capacity and deep well plates, please see Orbit 300 on the following page.) 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 - 1,400 rpm
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	120V~, 60 Hz or 230V~, 50 Hz

\*Maximum speed for 230V unit is 1,200rpm

CAT NO.	DESCRIPTION
S2020-M60-B*	Orbit M60 Digital Shaker with platform for 60 microtubes, 120V
S2020-R	Extra workstation/transfer rack for above
C1205	Individual adapters for 0.5/0.6 mL tubes, pk of 6
C1206	Individual adapters for 0.4 mL tubes, pk of 6
C1222	Individual adapters for 0.2 mL thermal cycling tubes, pk of 6
S2020-P2-B*	Orbit P2 Digital Shaker with platform for 2 microplates, 120V
S2020-P4-B*	Orbit P4 Digital Shaker with platform for 4 microplates, 120V

\*To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords.

## Orbit™ 300 Multipurpose Digital Vortexer

Three interchangeable platforms (available separately) accommodate a variety of sample containers to make the Orbit 300 a truly multi-purpose vortexer. The flat platform, covered with a non-slip rubber mat, holds plates, dishes, boxes, etc. The microplate platform will accommodate up to four deep well microplates. The clamp platform has spring loaded retaining bars that adjust to hold flasks, bottles, racks and other containers in place.

Time and speed are set digitally with a single knob. Values are shown on the large, three digit LED. The broad speed range allows the Orbit 300 to be used for gentle mixing as well as vigorous agitation.

The shaker housing is constructed of plastic; chemically resistant and easy to clean. This compact shaker can be used in temperature controlled environments making it ideal for cold room or incubator use.



S2030-10

### SPECIFICATIONS

Speed range	100 - 1,200 rpm
Timer	0 - 99 min or continuous
Motion/orbit size	Circular, 3 mm
Maximum load	4.4 lb/2 kg
Ambient operating range	+4° to 65°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	16 lb/7.3 kg
Electrical	120V~, 60 Hz or 230V~, 50 Hz

CAT NO.	DESCRIPTION
S2030-300-B*	Orbit 300 Multipurpose digital Vortexer, without platform, 120V
S2030-10	Platform for four microplates
S2030-12	Platform with non-slip rubber mat
S2030-13	Spring loaded platform for flasks, bottles or tube racks, etc.
K564	Tube rack, pp, 90 x 13 mm diameter tubes, fits in S2030-13 platform, pk of 5
K565	Tube rack, pp, 60 x 16 mm diameter tubes, fits in S2030-13 platform, pk of 5
K566	Tube rack, pp, 40 x 20 mm diameter tubes, fits in S2030-13 platform, pk of 5

\*To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords.

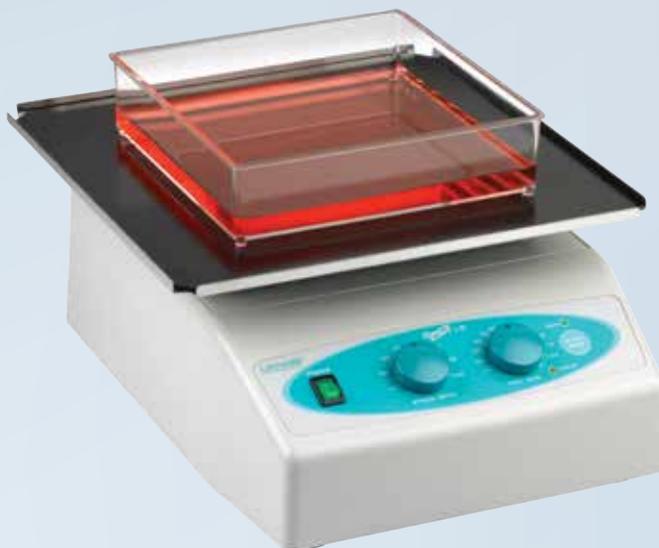
## Orbit™ LS Low Speed Shaker

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	120V~ or 230V~, 50/60 Hz

CAT NO.	DESCRIPTION
S2030-LS-B*	Orbit LS Low Speed Orbital Shaker with flat platform (30 x 30 cm), 120V
S2031-12D	Two stacked platforms (30 x 30 cm) for use with Orbit 1000/Orbit LS
E2110-BBS	Blot box, 9.1 x 6.6 cm, 3-50 mL capacity for mini protein gels, pk of 10
E2110-BBL	Blot box, 11.7 x 8.9 cm, 6-10 mL capacity for larger mini protein gels, pk of 10

\*To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords.

## Orbit™ 1000 Multipurpose Digital Shaker

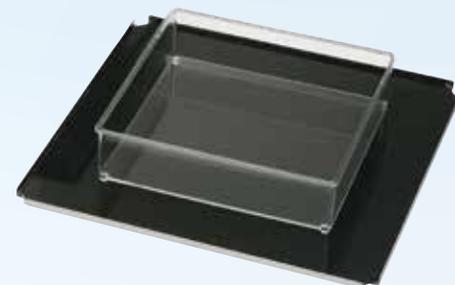
Four platform configurations allow the Orbit 1000 Digital Shaker to meet a variety of shaking and mixing applications. Single and double flat platforms hold trays, plates and dishes. The double platform allows for expansion of the shaker capacity without increasing the footprint. The universal platform has spring loaded bars that adjust to fit flasks, bottles, tube racks and odd shaped containers. Pre-drilled to hold Erlenmeyer flask clamps (sold separately), the flask platform is ideal for mixing and growing cultures. Platforms are easily removable and interchangeable.

A powerful brushless motor and counter balanced shaker mechanism provide smooth operation and years of trouble-free use. Speed and time are set with the single knob, while the set and current values are displayed digitally. Speed is adjustable over a broad range to allow for applications such as staining and destaining gels, growth of bacterial cultures and hybridization. The Orbit 1000 Digital Shaker is safe for use in temperature controlled environments. Platforms sold separately.



Shown with S2031-18  
(clamps sold separately)

S2031-13



S2031-12

### SPECIFICATIONS

Speed range	20 - 300 rpm
Timer	0 - 99 min or continuous
Motion/orbit size	Circular, 19 mm
Maximum capacity	4 x 1L, 5 x 500 mL, 9 x 250 mL, 16 x 125 mL
Maximum load	11 lb/5 kg
Ambient operating range	+4° to 65°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	16 lb/7.3 kg
Electrical	120V~, 60 Hz or 230V~, 50 Hz

CAT NO.	DESCRIPTION
S2030-1000-B*	Orbit 1000 Digital Shaker without platform, 120V
S2031-12	Flat platform with non-slip rubber mat (30 x 30 cm)
S2031-12D	As above, but two stacked platforms
S2031-13	Spring loaded platform for flasks, bottles or tube racks (see tube racks on page 83)
S2031-18	Flask clamp platform without clamps
S2040-25	Clamp for 25 mL Erlenmeyer flask (max. 16)
S2040-50	Clamp for 50 mL Erlenmeyer flask (max. 16)
S2040-85	Clamp for 125 mL Erlenmeyer flask (max. 16)
S2040-99	Clamp for 250 mL Erlenmeyer flask (max. 9)
S2040-09	Clamp for 500 mL Erlenmeyer flask (max. 5)
S2040-01	Clamp for 1,000 mL Erlenmeyer flask (max. 4)

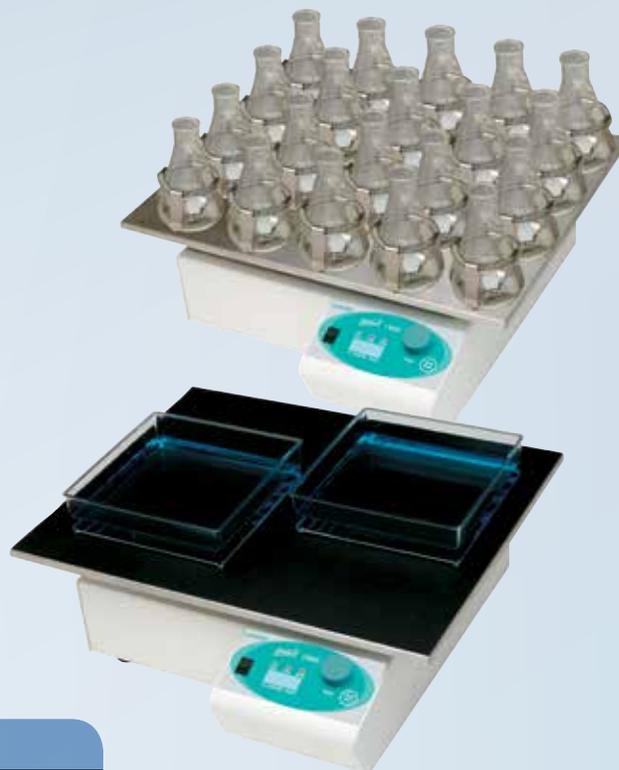
\*To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords.

## 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.



### 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	120V~, 60 Hz or 230V~, 50 Hz

CAT NO.	DESCRIPTION
S2040-1900*	Orbit 1900 Digital Shaker, without platform, 120V
S2040-12	Flat platform with nonslip mat (40 x 50 cm)
S2040-15	Universal bar clamp platform for holding a variety of containers
S2040-18	Platform for flask clamps (clamps sold separately)
S2040-25	Clamp for 25 mL Erlenmeyer flask (max. 28)
S2040-50	Clamp for 50 mL Erlenmeyer flask (max. 28)
S2040-85	Clamp for 125 mL Erlenmeyer flask (max. 28)
S2040-99	Clamp for 250 mL Erlenmeyer flask (max. 20)
S2040-09	Clamp for 500 mL Erlenmeyer flask (max. 10)
S2040-01	Clamp for 1 L Erlenmeyer flask (max. 6)
S2040-02	Clamp for 2 L Erlenmeyer flask (max. 5)

\*To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords.

## 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.

Two versions are available: the GyroTwister and GyroTwister Adjustable. Both feature 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 shakers are 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 and GyroTwister Adjustable are safe for use in temperature controlled environments, from 4° to 65°C.



SPECIFICATIONS	GyroTwister	GyroTwister Adjustable
Speed range	3 - 60 rpm	3 - 60 rpm
Timer	20 - 120 min or continuous	20 - 120 min or continuous
Motion/ Pitch	3D/fixed 7° pitch	3D/adjustable ±10°
Maximum load	11 lb/5 kg	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	13 x 13.9 x 8.3 in 33 x 35.2 x 21 cm
Weight	14.3 lb/6.6 kg	14.3 lb/6.6 kg
Electrical	120V~ or 230V~, 50/60 Hz	120V~ or 230V~, 50/60 Hz

CAT NO.	DESCRIPTION
S1000-B*	GyroTwister 3-D shaker with 30 x 30 cm non-slip platform and dimpled tube mat, 120V
S1000-A-B*	GyroTwister Adjustable, as above, with adjustable tilt angle, 120V
S1000-30	Stacking platform, 30 x 30 cm, with hardware
S1000-40	Large platform 40 x 40 cm, with non-slip rubber mat
S1000-50	Extra large platform, 50 x 50 cm, with non-slip rubber mat
S1000-M	Dimpled mat, 30 x 30 cm, for holding tubes,
S2025-T	Elastic tie downs, pk of 4

\*To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords.

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

The GyroMini and Enduro Mini Mix are small 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	120V~, 60 Hz or 230V~, 50 Hz	120V~, 60 Hz or 230V~, 50 Hz

\*Speed for 230V version is slightly different.

CAT NO.	DESCRIPTION
S0500*	GyroMini 3-D shaker with dimpled rubber mat, 120V
S0600*	Enduro MiniMix 3-D shaker with non-slip mat and two large blotting boxes, 120V
E2110-BBS	Blotting box, 9.1 x 6.6 cm, 3-5 mL gel capacity, for mini protein gels, pk of 10
E2110-BBL	Blotting box, 11.7 x 8.9 cm, 6-10 mL gel capacity, for larger mini protein gels, pk of 10

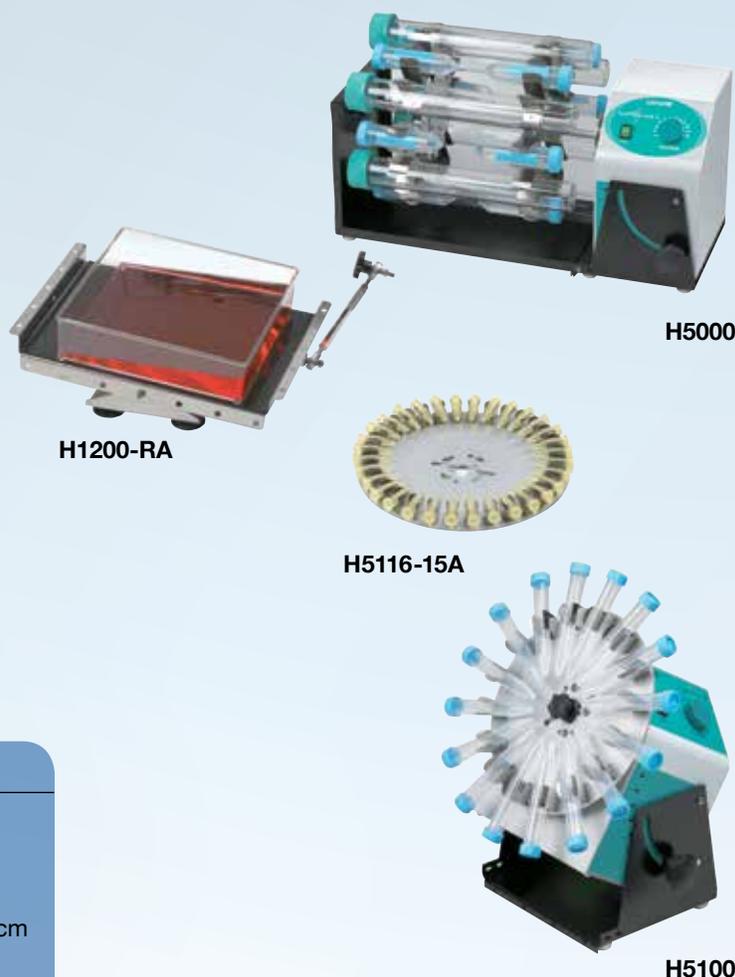
\*To order 230V units add -230V to the end of the catalog number. Specify cord type by adding -EU or -UK.

## 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.



### SPECIFICATIONS

Speed range	3 to 60 rpm
Rotation axis	Adjustable, 0° to 90°
Ambient operating temperature	+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	120V~ or 230V~, 50/60 Hz

CAT NO.	DESCRIPTION
H5000	LabRoller Rotator (order rotisserie/carousel separately), 120V
H5100	Compact LabRoller Rotator (order carousel separately), 120V
H1200-RA	Rocking platform, fits both H5000 and H5100
H1212-35A	Rotisserie for 12 of 300 x 35 mm diameter bottles, 24 of 150 x 35 mm diameter bottles or 24 of 50 mL tubes horizontal, fits H5000 only
H1212-40VA	Rotisserie for 12 x 50 mL, vertical, fits H5000 only
H1264-VA	Rotisserie for 64 x 1.5 mL or 32 x 15 mL, vertical, fits H5000 only
H1264-HA	Rotisserie for 64 x 1.5 mL or 32 x 15 mL, horizontal, fits H5000 only
H5108-50A	Carousel for 8 x 50 mL tubes, vertical, fits both H5000 and H5100
H5116-15A	Carousel for 16 x 15 mL tubes, vertical, fits both H5000 and H5100
H5132-HA	Carousel for 32 x 1.5 mL microtubes, horizontal, fits both H5000 and H5100
H5132-VA	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	Carousel for 4 x 250 mL Erlenmeyer flasks, fits both H5000 and H5100
H5100-RODS	Carousel stacking rods, fits both H5000 and H5100

See page 48 for hybridization bottles and mesh.

\*To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords.

## 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, 18 rpm
Rotation axis	Continuously adjustable, 0 - 90°
Ambient operating temperature	+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	120V~ or 230V~, 50/60 Hz
*Speed of 230V unit is 20 rpm.	

CAT NO.	DESCRIPTION
H5600*	Revolver Rotator with rotisserie for 36 x 1.5/2.0 mL tubes, 120V
H5600-02	Rotisserie assembly for 36 x 1.5/2.0 mL tubes (supplied with unit)
H5600-15	Rotisserie assembly for 10 x 15 mL conical tubes (15 - 16 mm dia) and 16 5/7 mL tubes
H5600-50	Rotisserie assembly for 6 x 50 mL tubes

\*To order 230V units add -230V to the end of the catalog number. Specify cord type by adding -EU or -UK.

## Mini Lab Roller™ 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. Lightweight, 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 can be used inside Labnet's Mini Incubator.



H5500-02



I5110A-MLR

### 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	120V~, 50/60 Hz 230V~, 50/60 Hz

\*Speed of 230V unit is 20 rpm.

CAT NO.	DESCRIPTION
H5500*	Mini LabRoller Rotator with rotisserie for 36 x 1.5/2.0 mL tubes
I5110A-MLR**	Mini LabRoller/Mini Incubator Combo, includes both units and the rotisseries (listed below)
H5500-02	Rotisserie for 36 x 1.5/2.0 mL tubes (supplied with unit)
H5500-15	Rotisserie for 10 x 15 mL conical tubes (or 15-16 mm dia) and 12 x 12-13 mm dia tubes
H5500-50	Rotisserie for 6 x 50 mL tubes

\*To order 230V units add -230V to the end of the catalog number. Specify cord type by adding -EU or -UK.

\*\*For more information on our Mini Incubator please visit page 8.

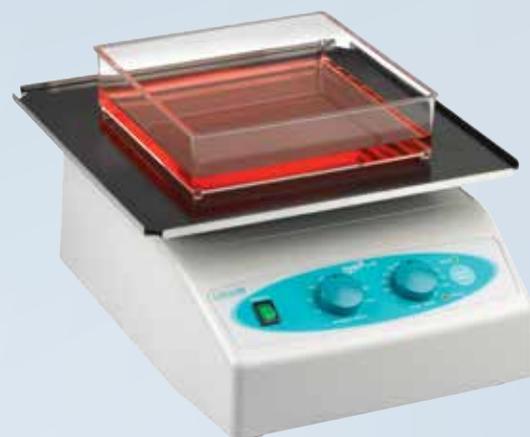
## Pro 30 Reciprocal Shaker

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 Pro 30 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.



Shown with  
S2031-12



S2031-13



S2031-18  
(clamps sold separately)

### 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 x 16 cm
Weight	14.5 lb/6.6 kg
Electrical	230V~ or 120~, 50/60 Hz

CAT NO.	DESCRIPTION
S2030-RC-B*	Pro 30 Reciprocal Shaker without platform, 120V
S2031-12	Flat platform with non-slip rubber mat (30 x 30 cm)
S2031-12D	As above, but two stacked platforms
S2031-13	Spring loaded platform for flasks, bottle or tube racks (see tube racks on page 83)
S2031-18	Flask clamp platform without clamps, pre-drilled
S2040-85	Clamp for 125 mL flask (max. 16)
S2040-99	Clamp for 250 mL flask (max. 9)
S2040-09	Clamp for 500 mL flask (max. 5)
S2040-01	Clamp for 1 L flask (max. 4)

\* To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords.

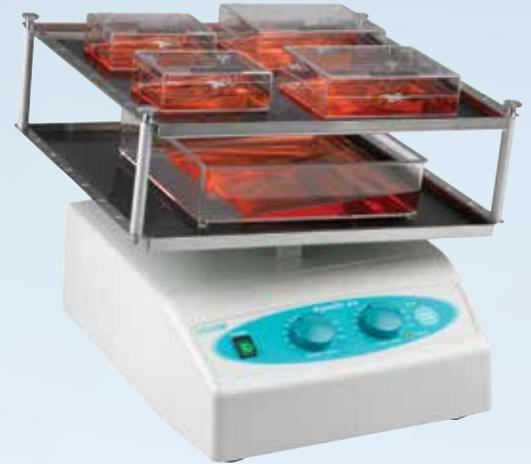
## ProBlot™ Rocker 25 and 25XL

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 20 cm, 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	120V~, 50/60 Hz 230V~, 50/60 Hz

CAT NO.	DESCRIPTION
S2025-B*	ProBlot Rocker 25 with single platform (26 x 20 cm), 120V
S2025-D-B*	ProBlot Rocker 25D with double platform (26 x 20 cm), 120V
S2025-XL-B*	ProBlot Rocker 25XL with large single platform (30 x 30 cm), 120V
S2025-XLD-B*	ProBlot Rocker 25XLD with large double platform (30 x 30 cm), 120V
S2025-T	Elastic tie downs, pk of 4

\*To order 230V units add -230V to the end of the catalog number. 230V product includes both EU and UK power cords.

## Rocker 35 EZ

The Rocker 35 EZ is the next generation large capacity rocker from Labnet. This upgraded Rocker 35 is designed for durability in laboratories requiring a large platform area and precise control over rocking parameters. It is backed by a 5 year warranty.

Both speed and time are easily selectable and the analog control has been upgraded to display discreet values. The tilt is now easily adjustable with knob on side. This system can handle up to 11 pounds or 5 kg of load so a double platform can be fully loaded without any variation to speed.

The unit comes in both single and dual platform models and includes a ribbed no-slip rubber mat to keep containers in place. This unit is also compatible with our sticky mat (I-5240) for applications requiring greater sample adhesion to the platform.



### SPECIFICATIONS

Speed range	10 - 120 rpm
Timer	10 - 120 min or continuous
Tilt range	Adjustable, $\pm 20^\circ$
Maximum Load	11 lb/5 kg
Ambient operating range	-10° to 70°C
Dimensions (W x D x H)	
Single platform	14.2 x 14.2 x 6.7 in/36 x 36 x 17 cm
Double platform	14.2 x 14.2 x 10.2 in/36 x 36 x 26 cm
Weight	
Single platform	14.3 lb/6.5 kg
Double platform	17.2 lb/7.8 kg
Electrical	120V~, 50/60 Hz or 230~, 50/60 Hz

CAT NO.	DESCRIPTION
S2035-E*	Rocker 35 EZ, single platform
S2035-DE*	Rocker 35 EZ, double platform

\*To order 230V units add -230V to the end of the catalog number. Includes EU and UK cords

## 222DS Benchtop Shaking Incubator

- Exceptional versatility with a large selection of options
- SmartChek™ Software to control and monitor the unit
- Compact design, the unit opens under shelves
- Flexibility, a dual control from Keypad or Software



CAT NO.	DESCRIPTION
I-5222-DS	222DS Benchtop Shaking Incubator - 115 V
I-5222-DS-230V	222DS Benchtop Shaking Incubator - 230 V

For more information, please see the Incubators – Constant Temperature Section – Page 44

## VorTemp 56™ and VorTemp 1550™ Shaking Incubators

- Heat and mix small samples
- VorTemp™ 56 Incubator/Shaker complete with microtube and microplate platforms
- VorTemp™ 1550 Incubator/Shaker complete with racks for 50ml and 15ml tubes

CAT NO.	DESCRIPTION
S2056A	VorTemp 56 Shaking Incubator for microtubes and microplates
S2050A	VorTemp 1550 Shaking Incubator for 15 and 50 mL tubes

For more information, please see the Incubators – Constant Temperature Section – Page 46

