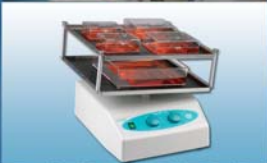


# Shakers, Rockers & Rotators Selection Guide



simply reliable



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**Specifications:**

Speed Range: 0-3,400 rpm (2,850 rpm for 230V)  
 Operating Modes: Touch or continuous  
 Ambient oper range: +4° to 65° C  
 Dim. (WxDxH): 5.5 x 6.3 x 5.1 in  
 14 x 16 x 13 cm  
 Weight: 4.84 lb/2.2 kg



- Unique counter balance system reduces vibration
- True circular orbit for efficient vortexing
- Powerful motor for consistent mixing
- Two modes: "Touch" or continuous operation
- Optional accessory heads for 02 mL - 50 mL tubes and microplates

**Ordering Information**

Cat#	Description
S0200*	<b>VX-200</b> Vortex Mixer with CombiCup head, 120V
S0200-21	24 x 1.5/2.0 mL tubes, 24 x 0.5 mL tubes and 32 x 0.2 mL tubes (or 4 PCR strips).
S0200-22	1 microplate or 64 x 0.2 mL tubes or 8 PCR strips
S0200-23	8 x 15 mL and 8 x 12/13 mm diameter tubes
S0200-24	6 x 50 mL tubes
S0200-25	12 x 1.5/2.0 mL tubes, held horizontally
S0200-26	4 x 15 mL tubes, held horizontally
S0200-27	2 x 50 mL tubes, held horizontally

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

**Orbit™ P2, P4 and M60**

- Large capacity - process 60 microtubes or 4 microplates
- 3 mm orbit for resuspending, homogenizing or vortexing
- Large digital display with single knob control
- Convenient, small footprint design
- Safe for cold room or incubator use



**Ordering Information**

Cat#	Description
S2020-M60-B*	<b>Orbit M60</b> Digital Shaker with platform, 120V
S2020-P2-B*	<b>Orbit P2</b> Digital Shaker with platform, 120V
C2020-P4-B*	<b>Orbit P4</b> Digital Shaker with platform, 120V
C1205	Individual adapters for 0.5/0.6 mL tubes for M60, pk/6
C1206	Individual adapters for 0.4 mL tubes for M60, pk/6
C1222	Individual adapters for 0.2 mL tubes for M60, pk/6

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

**Specifications:**

Speed range: 100-1,400 rpm (1,200 rpm for 230V)  
 Timer: 0 to 99 minutes or continuous  
 Ambient oper range: +4° to 65° C  
 Motion/orbit size: Circular/ 3mm  
 Maximum capacity: M60: 60 microtubes  
 P2: 2 standard microplates  
 P4: 4 standard microplates  
 Maximum load: 0.66 lb/0.3 kg  
 Dim. (WxDxH): 7.4 x 12 x 6 in  
 18.8 x 30 x 15 cm  
 Weight: 9.5 lb/4.3 kg



- Three versatile stainless steel platform options
- 3 mm orbit for shaking, mixing, or vortexing small volumes
- Large digital display with single knob control
- Safe for cold room or incubator use



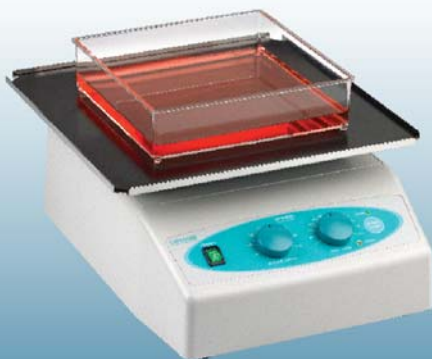
## Ordering Information

Cat#	Description
S2030-300-B*	<b>Orbit 300</b> multipurpose digital Vortexer, without platform, 120V
S2030-10	Platform for four microplates
S2030-12	Flat platform (30 x 30 cm) with nonslip 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/5
K565	Tube rack, PP, 60 x 16 mm diameter tubes, fits in S2030-13 platform, pk/5
K566	Tube rack, PP, 40 x 20 mm diameter tubes, fits in S2030-13 platform, pk/5

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

## 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 opera	+ 4° to 65° C
Dim. (WxDxH):	10.3 x 13.3 x 5 in 26.2 x 33.7 x 13 cm
Weight:	12 lb/5.6 kg



- Ideal for staining and washing of fragile gels
- Gentle motion prevents foaming of liquids
- Economical analog control with easy turn knobs
- 19 mm orbit for blotting, gel staining and general mixing
- Safe for cold room and incubator use

## Specifications:

Speed range:	3-60 rpm
Timer:	20 to 120 min or continuous
Motion/orbit size:	Orbital/19 mm
Maximum load	11 lb/5 kg
Ambient oper range	+ 4° to 65° C
Dim. (WxDxH):	10.3 x 13.3 x 6 in 26.2 x 33.7 x 13 cm
Weight:	14.5 lb/6.6 kg



## Ordering Information

Cat#	Description
S2030-LS-B*	<b>Orbit LS</b> Low Speed Orbital Shaker with flat platform (30 x 30 cm), 120V
S2031-12D	Two stacked platforms (30 x 30 cm) with non-slip rubber mat. (clearance between platforms 3.5 in/9cm)
E2110-BBS	Blot box, 9.1 x 6.6 cm, 3-50 mL capacity for mini protein gels, pk/10
E2110-BBL	Blot box, 11.7 x 8.9 cm, 6-10 mL capacity for larger mini protein gels, pk/10

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



**Specifications:**

Speed range: 20 - 300 rpm  
 Timer: 0 - 99 min or continuous  
 Motion/orbit size: Orbital/19mm  
 Max load: 8.8 lb/4 kg  
 Ambient oper range: + 4° to 65° C  
 Dim. (WxDxH): 10.3 x 13.3 x 6 in  
 26.2 x 33.7 x 13 cm  
 Weight: 16 lb/7.3 kg



- Four platforms for large dishes, bottles, trays and flasks
- 19 mm shaking orbit for agitation of large volumes
- Accurate, digital speed control
- Durable stainless steel platforms
- Safe for cold room or incubator use

**Ordering Information**

Cat#	Description
S2030-1000-B*	<b>Orbit 1000</b> Digital Shaker (w/o platform), 120V
S2031-12	Flat platform (30 x 30 cm) with nonslip rubber mat
S2031-12D	Two stacked flat platforms (30 x 30 cm) with nonslip rubber mat. (clearance between platforms 3.5 in/9cm)
S2031-13	Universal spring loaded platform (26 x 20 cm)
S2031-18	Platform predrilled for flask clamps** (30 x 30 cm)

\*\*For available clamps see page 7 (sold separately)

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

- Three platforms for flasks, trays and odd shaped containers
- 19 mm shaking orbit for agitation of large volumes
- Accurate, digital speed control
- Durable stainless steel platforms
- Safe for cold room or incubator use



**Ordering Information**

Cat#	Description
S2040-1900*	<b>Orbit 1900</b> High Capacity Digital Shaker (w/o platform), 120V
S2040-12	Flat platform (40 x 50 cm) with rubber mat
S2040-15	Universal platform (36 x 30 cm) with adjustable bars
S2040-18	Platform predrilled for flask clamps** (40 x 50 cm)

\*\* For available clamps see page 7 (sold separately)

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

**Specifications:**

Speed range: 20 - 300 rpm  
 Timer: 0 - 99 min or continuous  
 Motion/orbit size: Orbital/19 mm  
 Max load: 22 lb/10 kg  
 Ambient oper range: + 4° to 65° C  
 Dim. (WxDxH): 15.4 x 18 x 6 in  
 39 x 46.5 x 16 cm  
 Weight: 46.2 lb/21 kg



- Designed for processing blots and staining gels
- Optimal fixed speed and tilt
- Three dimensional motion
- Blot boxes perfect for protein gels



### Ordering Information

Cat#	Description
S0600*	<b>Enduro MiniMix</b> 3-D shaker with 20 x 16.5 cm tray and non-slip rubber mat, 120V
E2110-BBS	Blotting box, 9.1 x 6.6 cm, 3-5 mL gel capacity, for mini protein gels, 10/pk
E2110-BBL	Blotting box, 11.7 x 8.9 cm, 6-10 mL gel capacity, for larger mini protein gels, 10/pk

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

### Specifications:

Speed range:	18 rpm (20 rpm for 230V) Fixed
Motion/Pitch:	3D/ Fixed 5°
Max load:	1.75lb/0.8 kg
Ambient oper range	+ 4° to 65° C
Dim. (WxDxH):	8 x 7 x 4.5 in 20.3 x 17.8 x 10.5 cm
Weight:	1.9 lb/0.88 kg



### Specifications:

Speed range:	24 rpm (20 rpm for 230V)
Motion:	3D/ Fixed 20°
Max load:	1.75lb/0.8 kg
Ambient oper range	+ 4° to 65° C
Dim. (WxDxH):	9.5 x 6.75 x 6 in 24.1 x 17.15 x 15.24 cm
Weight:	1.9 lb/0.88 kg



- Gyrotary action provides, gentle, thorough mixing
- Ideal for mixing samples in blood and centrifuge tubes
- Perfect for resuspension of large, fragile DNA fragments
- Included dimpled mat holds tubes in place
- Safe for incubator and cold room use

### Ordering Information

Cat#	Description
S0500*	<b>GyroMini</b> Nutating 3-D mixer with dimpled mat, 120V
S0500-MAT	Dimpled mat (9.5 x 6.75)

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



**Specifications:**

Speed range: 3 - 60 rpm  
 Motion/Pitch: 3D/ Fixed 7° or adjustable  $\pm 10^\circ$   
 Timer: 20 - 120 min or continuous  
 Max load: 11 lb/5 kg  
 Ambient oper range: + 4° to 70° C  
 Dim. (WxDxH): 13 x 13.9 x 8.3 in  
 33 x 35.2 x 21 cm  
 Weight: 14.3 lb/6.6 kg



- Fixed angle or adjustable tilt models available
- Durable construction with stainless steel platforms
- Dimpled mat included to secure tubes in place
- Additional platform sizes available
- Safe for cold room or incubator use

**Ordering Information**

Cat#	Description
S1000-B*	<b>GyroTwister 3D Shaker</b> with 30 x 30 cm non-slip platform and dimpled tube mat, 120V
S1000-A-B*	<b>GyroTwister Adjustable 3D Shaker</b> with 30 x 30 cm non-slip platform and dimpled tube mat, 115V
S1000-30	Stacking platform, 30 x 30 cm with hardware
S1000-40	Large platform, 40 x 40 cm, with nonslip rubber mat
S1000-50	Extra large platform, 50 x 50 cm, with nonslip rubber mat
S2025-T	Universal sample tie-downs, pk/4

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

- Unique adjustable rotisserie assemblies
- Wide range of motions - from gentle rotating to end over end tumbling
- Useful for Molecular Biology, Histochemistry, Biochemistry and Clinical applications
- Safe for cold room and incubator use



**Ordering Information**

Cat#	Description
H5600*	<b>Revolver™</b> 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. To specify cord type add -EU or -UK

**Specifications:**

Speed range: Fixed, 18 rpm (20 rpm for 230V)  
 Rotation axis: Continuously adjustable, 0-90°  
 Max load: 1.75 lb/0.8 kg  
 Ambient oper range: + 4° to 65° C  
 Dim. (WxDxH): 9.4 x 5 x 6 in  
 23.9 x 12.7 x 15.24 cm  
 Weight: 4.4 lb/2.0 kg





- Rotisseries and carousels available for a variety of tube sizes
- Useful for general mixing, hybridization and hematology application
- Variable speed and adjustable rotation axis
- Safe for cold room and incubator use

## Ordering Information

Cat#	Description
H5000*	<b>LabRoller</b> Rotator, 120V
H5100*	<b>Compact LabRoller</b> Rotator, 120V
H5100-RODS	Carousel stacking rods fits H5000 and H5100
H1200-RA	Rocking platform, fits 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
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 tubes, horizontal, fits H5000 only
H5132-VA	Carousel for 32 x 1.5 mL microtubes and blood collection tubes or 16 x 15 mL conical tubes, vertical fits H5000 and H5100
H5250-4A	Carousel for 4 x 250 mL Erlenmeyer flasks, fits H5000 and H5100

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



LabRoller Rotator



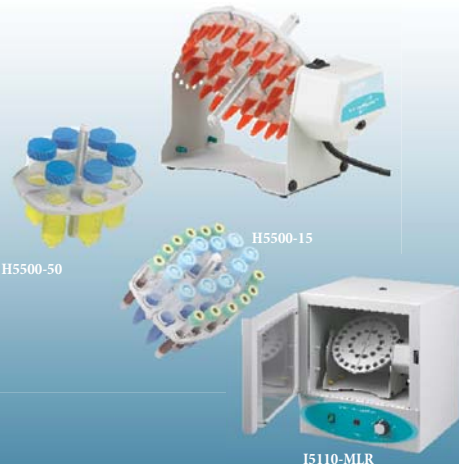
Compact LabRoller Rotator w/  
H5116-15A

### Specifications:

Speed range:	3 - 60 rpm
Rotation axis:	Adjustable, 0° to 90°
Motion:	Rotating
Ambient oper range	+ 4° to 65° C
Dim. (WxDxH):	18.5 x 10.6 x 9.7 in 47 x 27 x 24.5 cm
Weight:	17.6 lb/8 kg



# Mini Lab Roller™ Rotator



H5500-50

H5500-15

I5110-MLR

### Specifications:

Speed range:	Fixed, 24 rpm (20 rpm for 230V)
Rotation axis:	Adjustable, 0° - 90°
Motion:	Rotating, tumbling
Ambient oper range	+ 4° to 65° C
Dim. (WxDxH):	8.4 x 4 x 5 in 21.3 x 10.2 x 12.6 cm
Weight:	4 lb/1.8 kg



- Compact and quiet operation
- Variety of motions and mixing angles from 0-90°
- Three interchangeable rotisseries for tubes and plates
- Cold room and incubator compatible

## Ordering Information

Cat#	Description
H5500*	<b>Mini LabRoller</b> Rotator with rotisserie for 36 x 1.5/2.0 mL tubes, 120V
I5110-MLR	<b>Mini LabRoller/Mini Incubator Combo</b> , includes both units and the rotisseries below, 120V
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.  
To specify cord type add -EU or -UK



### Specifications:

Speed settings:	6 - 150 strokes/min
Timer:	0 - 120 (10 min inc) or continuous
Motion:	Linear, 30 mm stroke length
Ambient oper range	+ 4° to 70° C
Dim. (WxDxH):	10 x 12.6 x 6.3 in 25.5 x 32 x 16 cm
Weight:	14.5 lb/6.6 kg



- Designed for staining, hybridization, washing etc.
- Variable rocking speed
- Compact size, low profile
- Large, corrosion resistant stainless steel platforms
- Safe for cold room or incubator use

### Ordering Information

Cat#	Description
S2030-RC-B*	<b>Pro 30</b> 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 (clamps sold separately**)
S2031-18	Flask clamp platform without clamps, pre-drilled

\*\* For available clamps see page 7

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

# Erlenmeyer Flask Clamps

### Ordering Information

CLAMP	FITS	MAX	CAT#
25 mL Erlenmeyer flask	Orbit 1000 Orbit 1900	16 28	S2040-25
50 mL Erlenmeyer flask	Orbit 1000 Orbit 1900	16 28	S2040-50
125 mL Erlenmeyer flask	Orbit 1000 Orbit 1900 Pro 30	16 28 16	S2040-85
250 mL Erlenmeyer flask	Orbit 1000 Orbit 1900 Pro 30	9 20 9	S2040-99
500 mL Erlenmeyer flask	Orbit 1000 Orbit 1900 Pro 30	5 10 5	S2040-09
1 L Erlenmeyer flask	Orbit 1000 Orbit 1900 Pro 30	4 6 4	S2040-01
2 L Erlenmeyer flask	Orbit 1900	5	S2040-2



S2031-18 for Orbit 1000 & Pro 30  
w/various size clamps



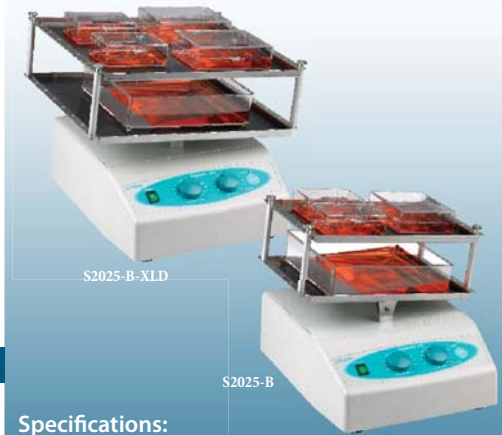
S2040-18 for Orbit 1900  
w/250 mL Erlenmeyer clamps



H5250-4A for LabRoller Rotator & Compact Labroller  
w/250 mL Erlenmeyer clamps



- Four stainless steel platform options
- Reciprocal motion for staining, washing blots and general mixing
- Perfect for large volume agitation in flat containers or separating funnels
- Safe for cold room and incubator use



## Ordering Information

Cat#	Description
S2025-B*	<b>ProBlot Rocker 25</b> with single platform (26 x 20 cm), 120V
S2025-D-B*	<b>ProBlot Rocker 25D</b> with double platform (26 x 20 cm), 120V (clearance between platforms 3.5 in/9cm)
S2025-XL-B*	<b>ProBlot Rocker 25XL</b> with large single platform (30 x 30 cm), 120V
S2025-XLD-B*	<b>ProBlot Rocker 25XLD</b> with large double platform (30 x 30 cm), 120V (clearance between platforms 3.5 in/9cm)
S2025-T	Elastic tie downs, pk/4

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

### Specifications:

Speed settings:	5 - 120 tilts/min
Timer:	0 - 2 hr or continuous
Motion/Tilt:	Rocking/ Fixed 7°
Ambient oper range	+ 4° to 70° C
Dim. (WxDxH):	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



# Deluxe ProBlot™ Rocker 35



- Adjustable tilt and speed for exact level of agitation
- Two hour timer with hold position
- Heavy-duty motor supports larger loads
- Corrosion resistant stainless steel platforms
- Safe for incubator and cold room use

### Specifications:

Speed settings:	4 - 160 tilts/minutes
Timer:	0 - 2 hr or continuous
Motion/Tilt:	Rocking/Adjustable, ± 20°
Ambient oper range	+ 4° to 70° C
Dim. (WxDxH):	14 x 13 x 6.5 in 35.6 x 33 x 16.5 cm
Weight:	17 lb/7.7 kg



## Ordering Information

Cat#	Description
S2035*	<b>Deluxe ProBlot Rocker 35</b> , single platform (35.6 x 28 cm), 120V
S2035-D*	<b>Deluxe ProBlot Rocker 35D</b> , double platform (35.6 x 28 cm) 120V (clearance between platforms 3.5 in/9cm)

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

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