

LABNET INTERNATIONAL, INC.

SHAKERS & SHAKING INCUBATORS SELECTION GUIDE

Labnet
Labnet International, Inc.



- ORBITAL SHAKERS
- ROCKERS
- LINEAR SHAKERS
- THREE DIMENSIONAL SHAKERS
- SHAKING INCUBATORS



Vortex Mixer VX-100 High Speed Vortexer

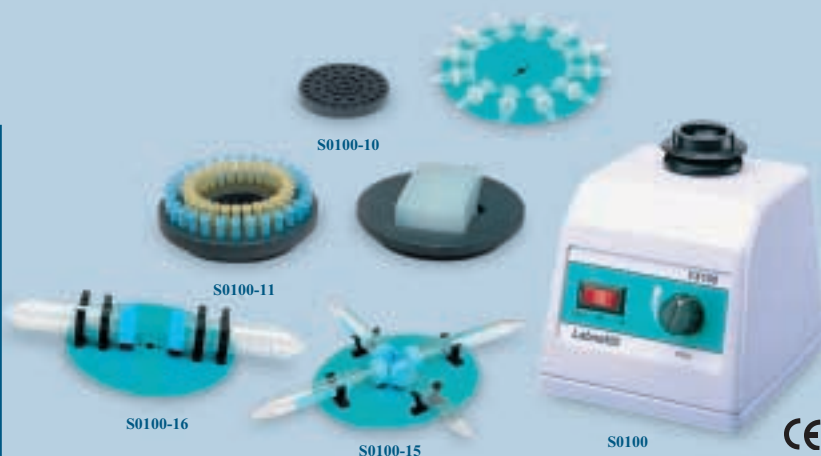
- ❑ *Optional heads for tubes and microplates*
- ❑ *Continuously variable speed control*
- ❑ *“Touch” or continuous operation*
- ❑ *Powerful motor for efficient pellet disruption*

Specifications:

Speed range	200-3000 rpm
Motion	orbital
Orbit	3.5mm
Dimensions (WxDxH)	4.7x6.1x5.1in./12x16x13cm
Ambient operating range	4° to 65°C

Ordering Information:

S0100	Vortex Mixer with universal cup head, 115V
S0100-230V	Vortex Mixer with universal cup head, 230V
S0100-CAN	Vortex Mixer with universal cup head, 115V CSA compliant for Canada
S0100-10	3 inch flat head
S0100-11	Head for 60 microtubes
S0100-12	Head for 1 microplate
S0100-14	Head for 12x1.5ml tubes held horizontally
S0100-15	Head for 4x15ml tubes held horizontally
S0100-16	Head for 2x50ml tubes held horizontally



Orbit M60, P2, P4 Digital Compact Vortexers

- ❑ *Three complete models: M60, P2, P4*
- ❑ *3mm shaking orbit for mixing and vortexing*
- ❑ *Safe for cold room or incubator use*
- ❑ *Convenient, small footprint design*
- ❑ *Digital time and speed controls*

Specifications:

Speed range - 115V version	100-1400 rpm
Speed range - 230V version	100-1200 rpm
Timer	0 to 99 min. or continuous
Motion	orbital
Orbit	3mm
Capacity	M60: 60 microtubes P2: two standard microplates P4: four standard microplates
Max. load	0.3kg
Base dimensions (WxDxH)	6.6x11x6in./17x28x15cm
Ambient operating range	4° to 65°C

Ordering Information:

S2020-M60	<i>Orbit M60</i> Digital Shaker with platform, 115V
S2020-M60-230V	<i>Orbit M60</i> Digital Shaker with platform, 230V
C1205	Adapter for 0.5/0.6ml tubes for <i>M60</i> , pack of 6
C1206	Adapter for 0.4ml tubes for <i>M60</i> , pack of 6
C1222	Adapter for 0.2ml tubes for <i>M60</i> , pack of 6
S2020-P2	<i>Orbit P2</i> Digital Shaker with platform, 115V
S2020-P2-230V	<i>Orbit P2</i> Digital Shaker with platform, 230V
S2020-P4	<i>Orbit P4</i> Digital Shaker with platform, 115V
S2020-P4-230V	<i>Orbit P4</i> Digital Shaker with platform, 230V



Orbit LS Low Speed Orbital Shaker

- ❑ *30x30cm stainless steel platform with rubber mat*
- ❑ *Large orbit and low speed for gentle washing and staining*
- ❑ *Safe for cold room or incubator use*
- ❑ *Electronic time and speed controls*

Specifications:

Speed range	3-60rpm
Timer	20 to 120 min. or continuous
Motion	orbital
Orbit	19mm
Max. load	5kg
Dimensions (WxDxH)	10x12.6x6.3/26x32x16cm
Ambient operating range	4° to 70°C

Ordering Information:

S2030-LS	<i>Orbit LS</i> Analog Shaker with platform, 115V
S2030-LS-230V	<i>Orbit LS</i> Analog Shaker with platform, 230V
S2025-ST	Staining trays, pack of 4



Orbit 300 Multipurpose Digital Vortexer

- ❑ Three platforms for plates, small dishes and tube racks
- ❑ 3mm shaking orbit for agitation of small volumes
- ❑ Safe for cold room or incubator use
- ❑ Settings adjusted with a single knob
- ❑ Digital time and speed controls
- ❑ Stainless steel platforms

Specifications:

Speed range	100-1200 rpm
Timer	0 to 99 min. or continuous
Motion	orbital
Orbit	3mm
Max. load	4.4lb/2kg
Dimensions (WxDxH)	10.1x12.5x5in./26x32x13cm
Flat platform dimensions	11.8x11.8in./30x30cm
Ambient operating range	4° to 65°C

Ordering Information:

S2030-300	Orbit 300 Digital Shaker (w/o platform), 115V
S2030-300-230V	Orbit 300 Digital Shaker (w/o platform), 230V
S2030-10	Platform for four microplates
S2030-12	Flat platform, (30x30cm), with rubber mat
S2030-13	Universal spring loaded platform
K564	Plastic rack for 90 of 13mm diam. tubes
K565	Plastic rack for 60 of 16mm diam. tubes (15ml conical tubes)
K566	Plastic rack for 40 of 20mm diam. tubes
S5058-25	Plastic rack for 24 of 25mm diam. tubes
S5058-30	Plastic rack for 21 of 30mm diam. tubes (50ml conical tubes)



S2030-300
with S2030-12

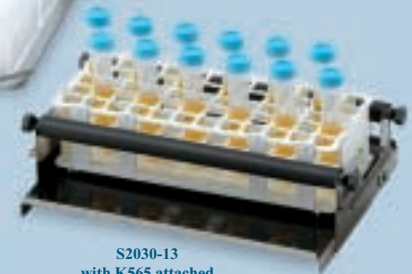
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S2030-10



S5058-30



S2030-13
with K565 attached

Orbit 1000 Universal Digital Shaker

- ❑ Four platforms for large dishes, bottles, trays and flasks
- ❑ 19mm shaking orbit for agitation of large volumes
- ❑ Safe for cold room or incubator use
- ❑ Settings adjusted with a single knob
- ❑ Digital time and speed controls
- ❑ Stainless steel platforms

Specifications:

Speed range	20-300rpm
Timer	0 to 99 min. or continuous
Motion	orbital
Orbit	19mm
Max. load	8.8lb/4kg
Dimensions (WxDxH)	10.1x12.5x5in./26x32x13cm
Flat platform dimensions	11.8x11.8in./30x30cm
Ambient operating range	4° to 65°C

Ordering Information:

S2030-1000	Orbit 1000 Digital Shaker (w/o platform), 115V
S2030-1000-230V	Orbit 1000 Digital Shaker (w/o platform), 230V
S2031-12	Flat platform (30x30cm) with rubber mat
S2031-12D	Two stacked flat platforms
S2031-13	Universal spring loaded platform
S2031-18	Platform predrilled for flask clamps*
S2040-25	Clamp for 25ml Erlenmeyer (max. 16)
S2040-50	Clamp for 50ml Erlenmeyer (max. 16)
S2040-85	Clamp for 125ml Erlenmeyer (max. 16)
S2040-99	Clamp for 250ml Erlenmeyer (max. 9)
S2040-09	Clamp for 500ml Erlenmeyer (max. 5)
S2040-01	Clamp for 1000ml Erlenmeyer (max. 4)

* Clamps sold separately



S2030-1000
with S2031-18*

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S2031-12



S2031-13

Orbit 1900 High Capacity Digital Shaker

- ❑ Three platforms for flasks, trays and odd shaped containers
- ❑ 19mm shaking orbit for gentle agitation of large volumes
- ❑ Safe for cold room or incubator use
- ❑ Settings adjusted with a single knob
- ❑ Digital time and speed controls
- ❑ Stainless steel platforms

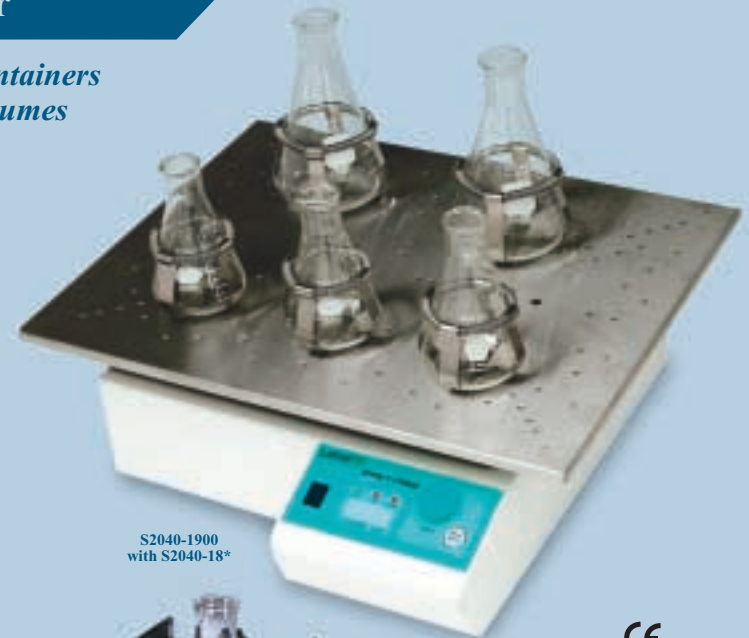
Specifications:

Speed	25-300 rpm
Timer	0 to 99 min. or continuous
Motion	orbital
Orbit	19mm
Max. load	10kg
Dimensions (WxDxH)	15.3x16.8x6.2in/39x43x16cm
Flat platform dimensions	15.8x19.7in./40x50cm
Ambient operating range	4° to 65°C

Ordering Information:

S2040-1900	Orbit 1900 High Capacity Digital Shaker (w/o platform), 115V
S2040-1900-230V	Orbit 1900 High Capacity Digital Shaker (w/o platform), 230V
S2040-12	Flat platform (40x50cm) with rubber mat
S2040-15	Universal platform with adjustable bars
S2040-18	Platform predrilled for flask clamps*
S2040-25	Clamp for 25ml Erlenmeyer (max. 28)
S2040-50	Clamp for 50ml Erlenmeyer (max. 28)
S2040-85	Clamp for 125ml Erlenmeyer (max. 28)
S2040-99	Clamp for 250ml Erlenmeyer (max. 20)
S2040-09	Clamp for 500ml Erlenmeyer (max. 10)
S2040-01	Clamp for 1000ml Erlenmeyer (max. 6)
S2040-02	Clamp for 2000ml Erlenmeyer (max. 5)

* Clamps sold separately



S2040-1900 with S2040-18*



S2040-15

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GyroTwister™ Three Dimensional Shaker

- ❑ Easy turn dial for angle adjustment or optimal fixed angle
- ❑ Durable construction with stainless steel platforms
- ❑ Dimpled mat to secure tubes in place
- ❑ Double platform configuration option
- ❑ Additional platform sizes available
- ❑ Electronic speed and time controls
- ❑ Safe for cold room or incubator use

Specifications:

Speed range	3-60 rpm
Max. load	5kg
Motion	three dimensional
Platform pitch	fixed 7° or variable +/-10°
Standard platform size	11.8x11.8in./30x30cm
Timer	20-120 min. or continuous
Dimensions (WxDxH)	13x13.9x8.9in/33x35x23cm
Ambient operating range	4° to 70°C

Ordering Information:

S1000	GyroTwister Three Dimensional Shaker with 30x30cm nonslip platform, 115V
S1000-230V	GyroTwister Three Dimensional Shaker with 30x30cm nonslip platform, 230V
S1000A	GyroTwister Adjustable Three Dimensional Shaker with 30x30cm nonslip platform, 115V
S1000A-230V	GyroTwister Adjustable Three Dimensional Shaker with 30x30cm nonslip platform, 230V
S1000-30	Stacking platform, 30x30cm, with hardware
S1000-40	Large platform, 40x40cm, with nonslip mat
S1000-50	Extra large platform, 50x50cm, with nonslip mat
S1000-M	Dimpled mat, 30x30cm, for holding tubes
S2025-T	Universal sample tie-downs, pack of 4
S2025-ST	Staining trays, pack of 4

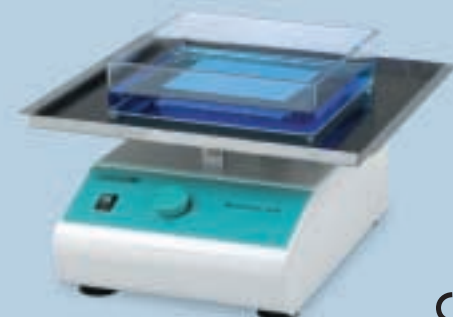


S1000 with additional S1000-30 platform

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ProBlot™ Rocker 25 and 25XL - Compact Rocker

- ❑ Each model available in single and double platform configuration
- ❑ Durable construction with stainless steel platforms
- ❑ Ideal for staining gels and membranes
- ❑ Safe for cold room or incubator use
- ❑ Electronic speed controls



S2025 XL



Specifications:

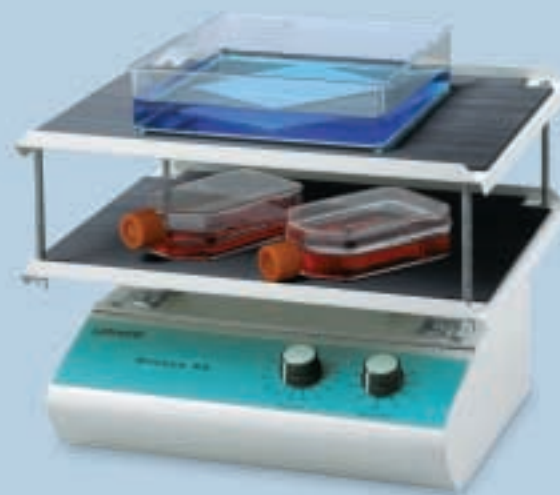
Speed range	5-120 tilts/min
Motion	rocking
Tilt angle	fixed 7°
Max. load	11lb/5kg
Dimensions (WxDxH)	
ProBlot 25	11.4x12.6x5.7in./29x32x15cm
ProBlot 25XL	13x14.2x5.7in./33x36x15cm
Small platform dimensions	11x7.9in/28x20cm
Large platform dimensions	11.8x11.8in./30x30cm
Double platform clearance	3.5in./9cm
Ambient operating range	4° to 70°C

Ordering Information:

S2025	ProBlot 25 Compact Rocker with small platform, 115V
S2025-230V	ProBlot 25 Compact Rocker with small platform, 230V
S2025-D	ProBlot 25D Compact Rocker with double small platform, 115V
S2025-D-230V	ProBlot 25D Compact Rocker with double small platform, 230V
S2025-XL	ProBlot 25XL Compact Rocker with large platform, 115V
S2025-XL-230V	ProBlot 25XL Compact Rocker with large platform, 230V
S2025-XLD	ProBlot 25XLD Compact Rocker with double large platform, 115V
S2025-XLD-230V	ProBlot 25XLD Compact Rocker with double large platform, 230V
S2025-T	Elastic tie down, pack of 4

ProBlot™ Rocker 35 - Adjustable Tilt Rocker

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



S2035-D



Specifications:

Speed range	4-160 tilts/min
Timer	0-120 min. or continuous
Motion	rocking
Tilt angle	adjustable +/-20°
Max. load	7kg
Dimensions (WxDxH)	14x11.4x6.5in./36x29x17cm
Platform dimensions	14x11in/36x28cm
Double platform clearance	3.5in./9cm
Ambient operating range	4° to 65°C

Ordering Information:

S2035	ProBlot 35 Rocker with platform, 115V
S2035-230V	ProBlot 35 Rocker with platform, 230V
S2035-D	ProBlot 35D Rocker with double platform, 115V
S2035-D-230V	ProBlot 35D Rocker with double platform, 230V
S2025-ST	Staining trays, pack of 4

Reciprocal 30 Linear Shaker

- ❑ Four platforms for large dishes, bottles, trays and flasks
- ❑ Durable construction with stainless steel platforms
- ❑ 30mm stroke length for rigorous mixing
- ❑ Electronic time and speed controls
- ❑ Safe for cold room or incubator use



S2030-RC
with S2031-12



Specifications:

Speed	6-150 strokes/min
Timer	20-120 min. or continuous
Motion	linear
Stroke length	30mm
Max. load	5kg
Dimensions (WxDxH)	10x12.6x6.3in/26x32x16cm
Ambient operating range	4° to 70°C

Ordering Information:

S2030-RC	Reciprocal 30 Linear Shaker without platform, 115V
S2030-RC-230V	Reciprocal 30 Linear Shaker without platform, 230V
S2031-12	Flat platform (30x30cm) with rubber mat
S2031-12D	Two stacked flat platforms
S2031-13	Universal spring loaded platform
S2031-18	Flask clamp platform* (max. 4x1L, 5x500ml, 9x250ml, 16x125ml flasks. For clamp catalog numbers see Orbit 1000.)

* Clamps sold separately



S2031-18*



S2031-13

VorTemp 56™ Shaking Incubator for Plates and Tubes

- ❑ Two interchangeable platforms for plates and microtubes
- ❑ 3mm shaking orbit for agitation of small volumes
- ❑ Precise digital time, temperature and speed controls
- ❑ Broad temperature range for a variety of applications
- ❑ Mechanical convection for uniform and stable heating
- ❑ Ideal for aeration of small volume liquid cultures
- ❑ Cold room compatible for subambient applications

Specifications:

Temp. range	ambient +5 to 100°C
Temp. uniformity	+/-0.5°C
Shaker speed - 115V version	100-1500rpm
Shaker speed - 230V version	100-1300rpm
Timer	0 to 999 min. or continuous
Shaker motion	orbital
Orbit size	3mm
Dimensions (WxDxH)	8.9x12.3x8.9in./23x13x23cm

Ordering Information:

S2056-M	VorTemp 56 Shaking Incubator w/platform for 56 microtubes, 115V
S2056-P	VorTemp 56 Shaking Incubator w/platform for two deep well or 4 standard microplates, 115V
S2056-M-230V	VorTemp 56 Shaking Incubator w/platform for 56 microtubes, 230V
S2056-P-230V	VorTemp 56 Shaking Incubator w/platform for two deep well or 4 standard microplates, 230V
S2056-R	Optional tube rack/workstation
S2056-Q	Optional platform for for two deep well or 4 standard microplates
C1205	Adapter for 0.5/0.6ml tubes, pack of 6
C1206	Adapter for 0.4ml tubes, pack of 6
C1222	Adapter for 0.2ml tubes, pack of 6



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S2056-M

S2056-R

S2056-Q

211DS and 311DS Shaking Incubators

- ❑ Four interchangeable platforms for flasks, trays and racks
- ❑ Exclusive Smart Chek™ digital temperature control system
- ❑ Insulated door with integral viewing area
- ❑ Excellent accuracy and uniformity
- ❑ Full range of accessories

Specifications:

	211DS	311DS
Chamber volume	1.7 cu. ft.	2.5 cu. ft.
Temp. range	ambient +5 to 80°C	ambient +5 to 80°C
Temp. uniformity	+/-0.5°C @ 37°C	+/-0.3°C @ 37°C
Shaker speed	20-400rpm	20-300rpm
Shaker motion	orbital	orbital
Orbit size	19mm	19mm
Shelves	2 and 1/2	1
Chamber (WxDxH)	13.5x15x15in./34x38x38cm	17.4x15.6x16in./44x40x41cm
Exterior (WxDxH)	16.8x22x23in./43x55x58cm	22.6x21.4x25in./58x55x64cm

Ordering Information:

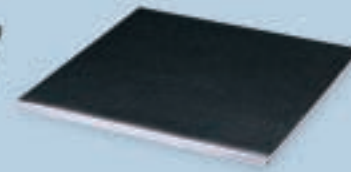
15211-DS	211DS Shaking Incubator, 115V
15211-DS-230V	211DS Shaking Incubator, 230V
15231	Flat rubber mat platform (30x30cm) for 211DS
15231-D	Two stacked flat platforms (30x30cm) for 211DS
S2031-13	Universal spring loaded platform for 211DS or 311DS
15230	Platform predrilled for flask clamps for 211DS (max. 4x1L, 5x500ml, 9x250ml, 16x125ml flasks.) For clamp catalog numbers see Orbit 1000.
15311-DS	311DS Shaking Incubator, 115V
15311-DS-230V	311DS Shaking Incubator, 230V
15331	Flat rubber mat platform (39x33cm) for 311DS
15330	Platform predrilled for flask clamps for 311DS (max. 4x2L, 6x1L, 8x500ml, 12x250ml, 20x100ml, 30x50ml flasks.) For clamp catalog numbers see Orbit 1900.



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S2031-13



S2031-12

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