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Vortex-Genie® Mixers



Vortex-Genie® 1

- Violent single high-speed vortexing
- Easy-to-use Touch On operation
- Large, 6mm orbit for aggressive vortexing of difficult samples
- May be used with Pop-off Cup (shown) or optional 3-inch Platform
- May be used in cold rooms and incubators

Vortex-Genie® 2

- OUR MOST POPULAR MODEL
- Variable speed for precise mixing from gentle to vigorous
- Broad range of attachments for most tubes, plates and other containers
- Hands-Free or Touch On control
- May be used in cold rooms and incubators

SPECIFICATIONS

Vortex-Genie Model	Vortex-Genie 1	Vortex-Genie 2
Supplied	Pop-off Cup	3-inch Platform, Pop-off Cup
Speed (RPM)	3200 (2700 for 50Hz models)	600-3200 (2700 for 50Hz models)
Timer - Touch On: Hands-Free:	N/A	N/A
Dimensions (base) (D x W x H)	165 x 122 x 165mm (6.5 x 4.8 x 6.5in)	165 x 122 x 165mm (6.5 x 4.8 x 6.5in)
Weight	4 Kg (8.8 lb)	4 Kg (8.8 lb)
Markings / Warranty	ETL, CE / 2-Years	ETL, CE / 2-Years
CATALOG NUMBERS		
120V	SI-0136	SI-0236 (Model G560)
230V - No Plug	SI-0146	SI-0246 (Model G560E)
230V - European Plug	SI-0156	SI-0256 (Model G560E)
230V - British Plug	SI-0166	SI-0266 (Model G560E)
230V - Swiss Plug	SI-0176	SI-0276 (Model G560E)
240V - Australian Plug	SI-0196	SI-0297 (Model G560E)
100V	SI-0186	SI-0286

See page 3 for accessories.

U.S. Pats. 4,781,487
5,707,861

Rotator/Rocker/Incubator/Oven

INCUBATOR-GENIE™

BENCHTOP SHAKING/ROTATING INCUBATOR!



Accessories Supplied with Unit

- Incubate, Rotate, Rock, and Shake all in ONE compact unit
- Magnetic stainless steel platform may be easily set to rock or rotate almost any container
- Precise temperature control and uniformity - range from 28°C to 75°C
- Chamber air is gently and continuously re-circulated ensuring temperature consistency and uniformity

SPECIFICATIONS

Supplied	Magnetic Platform, 1 Clip Plate each for 10-13mm, 15-17mm, and 28-30mm Tubes, 4 Bag Mounting Strips, Non-Skid Tray, and Stackable Shelf
Rotating	3-35 RPM
Rocking / Rocking Angle	6-70 cycles per minute / ±10 degrees from horizontal
Platform Capacity	4.5 Kg (10 lb)
Temperature Range	28-75°C (83-167°F)
Accuracy / Uniformity	±0.2°C / ±0.5°C
Resolution / Stability	0.1°C / ±0.1°C
Chamber Dimensions (D x W x H)	254 x 362 x 260mm (10 x 14.25 x 10.25in)
Overall Dimensions (D x W x H)	400 x 560 x 368mm (15.75 x 22 x 14.5in) Depth with Rocker Tray - 305mm (12in)
Chamber Volume	24 L (0.86 ft³)
Weight	19.5 Kg (43 lb)
Markings / Warranty	CE / 2-Years
CATALOG NUMBERS	
120V	SI-1400
230V - No Plug	SI-1401
230V - European Plug	SI-1402
230V - British Plug	SI-1403
230V - Swiss Plug	SI-1404
240V - Australian Plug	SI-1406
100V	SI-1405

See page 16 for accessories.

U.S. Pat. 5,918,979

Rotator/Rocker/Stirrer and Temperature Control

ENVIRO-GENIE®

BENCHTOP REFRIGERATED INCUBATOR!



Accessories Supplied with Unit

- Chiller, incubator, rotator, rocker and stirrer in one compact unit
- Magnetic platform and various accessories securely hold almost any sample
- Optional 3-D orbital attachment transforms the unit into a temperature-controlled orbital platform shaker
- RS232 interface for data download and/or remote operation

SPECIFICATIONS

Supplied	Magnetic Platform, 1 Clip Plate each for 10-13mm, 15-17mm, and 28-30mm Tubes, 4 Bag Mounting Strips, Non-Skid Tray, and Stackable Shelf
Rotating	1-35 RPM
Rocking / Rocking Angle	2-70 cycles per minute / ±10 degrees from horizontal
Stirring	1-2000 RPM including stir reverse
Platform Capacity	4.5 Kg (10 lb)
Temperature Range	4-75°C (39-167°F)
Accuracy / Uniformity	±0.2°C / ±0.5°C
Resolution / Stability	0.1°C / ±0.1°C
Chamber Dimensions (D x W x H)	254 x 362 x 260mm (10 x 14.25 x 10.25in)
Overall Dimensions (D x W x H)	495 x 622 x 368mm (19.5 x 24.5 x 14.5in) Depth with Rocker Tray - 305mm (12in)
Chamber Volume	24 L (0.86 ft³)
Weight	36 Kg (80 lb)
Markings / Warranty	CE / 2-years

CATALOG NUMBERS

120V	SI-1200
230V - No Plug	SI-1201
230V - European Plug	SI-1202
230V - British Plug	SI-1203
230V - Swiss Plug	SI-1204
240V - Australian Plug	SI-1206
100V	SI-1205

See page 16 for accessories.

Vortex-Genie® Mixers



Vortex-Genie® 2T

- Same great features as the Vortex-Genie 2 with an integrated timer
- Timer function:
 - Touch On: 1-60 seconds
 - Hands-Free: 1-60 minutes or continuous
- Unit automatically stops at the end of user-programmed time
- May be used in cold rooms and incubators

Digital Vortex-Genie® 2

- Same great features as the Vortex-Genie 2 with digital control and display of speed and time
- Digital display provides accuracy, reproducibility and repeatability
- Timer function:
 - Touch On: 1-99 seconds
 - Hands-Free: 1-99 minutes or continuous
- May be used in cold rooms and incubators

SPECIFICATIONS

Vortex-Genie Model	Vortex-Genie 2T	Digital Vortex-Genie 2
Supplied	3-inch Platform, Pop-off Cup	3-inch Platform, Pop-off Cup
Speed (RPM)	600-3200 (2700 for 50Hz models)	500-3000 (2850 for 50Hz models)
Timer - Touch On:	1-60 seconds	1-99 seconds
Hands-Free:	1-60 minutes or continuous	1-99 minutes or continuous
Dimensions (base) (D x W x H)	165 x 122 x 165mm (6.5 x 4.8 x 6.5in)	165 x 122 x 165mm (6.5 x 4.8 x 6.5in)
Weight	4 Kg (8.8 lb)	4 Kg (8.8 lb)
Markings / Warranty	ETL, CE / 2-Years	CE / 2-Years

CATALOG NUMBERS

120V	SI-T236	SI-A236
230V - No Plug	SI-T246	SI-A246
230V - European Plug	SI-T256	SI-A256
230V - British Plug	SI-T266	SI-A266
230V - Swiss Plug	SI-T276	SI-A276
240V - Australian Plug	SI-T296	SI-A296
100V	SI-T286	SI-A286

See page 3 for accessories.

Vortex-Genie® Family Accessories

For use with all Vortex-Genie 2 mixers and Vortex-Genie® Pulse



Fig. 1
Model H301
Multiple
Sample
Starter Set

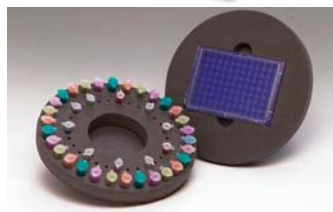


Fig. 4
Model H302
Large
Sample
Set



Fig.	Cat. No.	Description	Fig.	Cat. No.	Description
1	504-0233-00	Model H301 Multiple Sample Starter Set	13	SI-0564	TurboMix™ Attachment
--	146-6005-00	6-inch Platform	14	SI-0565	Universal Microtube Holder*
2	504-0234-00	Microtube Foam Insert (2)**	15	SI-0511	Large Ampule/Tube Attachment
3	504-0235-00	Microplate Foam Insert (2)**	16	SI-0570	Small Ampule/Tube Attachment
4	503-0282-00	Model H302 Large Sample Set	17	SI-H506	Horizontal 50ml Tube Holder
5	504-0039-00	Recessed Platform	18	SI-H512	Horizontal 15ml Tube Holder
6	503-0278-00	9-16mm Tube Foam Inserts (2)***	19	SI-H524	Horizontal Microtube Holder
7	503-0279-00	14-29mm Tube Foam Inserts (2)***	20	SI-V203	Vertical High Speed 50ml Tube Holder
8	503-0280-00	29-37mm Tube Foam Inserts (2)***	21	SI-V206	Vertical High Speed 15ml Tube Holder
9	503-0277-00	Blank Foam Inserts (2)***	22	SI-V209	Vertical High Speed Microtube Holder
--	503-0283-00	Assorted Foam Inserts (4)***	23	SI-V506	Vertical 50ml Tube Holder
10	568-0001-00	Elastic Bands (2)***	24	SI-V512	Vertical 15ml Tube Holder
11	146-3011-00	Pop-off Cup	25	SI-V524	Vertical Microtube Holder
12	0K-0500-902	3-inch Platform with Rubber Cover	26	SI-V525	Vertical 50ml, 15ml, Microtube Holder
--	580-2013-00	Rubber Cover for 3-inch Platform	--	0K-0236-408	Bottom Closure with Screws Kit †

* May be used with TurboMix Attachment or Disruptor Genie®

** 6-inch Platform Required

*** Recessed Platform Required

† May not fit older models. Please inquire.

Roto-Shake Genie®, Enviro-Genie® & Incubator-Genie™ Accessories



Fig.	Cat. No.	Description
1	SI-1123	1 Clip Plate for 12 each 10-13mm tubes
2	SI-1124	1 Clip Plate for 6 each 15-17mm tubes
3	SI-1125	1 Clip Plate for 3 each 28-30mm tubes
4	SI-1120	6 Clip Plates for 12 each 10-13mm tubes
5	SI-1121	6 Clip Plates for 6 each 15-17mm tubes
6	SI-1122	6 Clip Plates for 3 each 28-30mm tubes
7	SI-1126	Bag Mounting Strips (pack of 16)
8	SI-1127	Expansion Kit - two stainless steel trays, 24 bag mounting strips
9	SI-1130	2 Clip Plates for Hybridization Tubes
10	SI-1131	1 Stackable Shelf for Enviro-Genie and Incubator-Genie
--	SI-1132	Serial Cable for Enviro-Genie (picture not shown)
11	SI-1134	2 Universal Clip Plates
12	SI-1135	1 Magnetic Covered 100 Microtube Box
13	SI-1136	1 Clip Plate for 100ml Volumetric Flasks
14	0A-1100-070	Non-Skid Tray for Roto-Shake Genie
14	0A-1200-001	Non-Skid Tray for Enviro-Genie and Incubator-Genie
15	SI-1150	3-D Orbital Shaker Attachment for Roto-Shake Genie
15	SI-1250	3-D Orbital Shaker Attachment for Enviro-Genie and Incubator-Genie

Combination Rotator and Rocker



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

- Combines rotating and rocking in one compact unit
- Magnetic platform and various accessories securely hold almost any sample
- Optional 3-D orbital attachment transforms the unit into an orbital platform shaker
- A variety of attachments/accessories are available to provide maximum application versatility
- Maintains set speed between 0-38°C for use in cold rooms or incubators



Accessories Supplied with Unit

SPECIFICATIONS	
Supplied	Magnetic Platform, 1 Clip Plate each for 10-13mm, 15-17mm, and 28-30mm Tubes, 4 Bag Mounting Strips, and Non-Skid Tray
Rotating	5-35 RPM
Rocking	10-70 cycles per minute
Rocking Angle	±10 degrees from horizontal
Platform Capacity	4.5 Kg (10 lb)
Dimensions (D x W x H)	252 x 508 x 267mm (9.9 x 20 x 10.5in) Depth with Rocker Tray - 305mm (12in)
Weight	11.8 Kg (26 lb)
Environmental	Installation Category 2, 0-38°C (32-100°F) 95% max. relative humidity
Markings / Warranty	CE / 2-Years
CATALOG NUMBERS	
120V	SI-1100
230V - No Plug	SI-1101
230V - European Plug	SI-1102
230V - British Plug	SI-1103
230V - Swiss Plug	SI-1104
240V - Australian Plug	SI-1106
100V	SI-1105

U.S. Pat. 5,918,979

Pulsing Vortex Mixer



More Than Just Vortexing

- True pulsing action provides more collisions and random motion
- For applications requiring more aggressive action than standard vortexing
- Variable "RUN/STOP" time provides quick pulsing or interval mixing
- Digital control and display of speed, time, and "RUN/STOP" time, for reproducibility and accuracy, with true speed display
- Use with all Vortex-Genie accessories
- May also be used as a standard "continuous" Vortex Mixer

SPECIFICATIONS	
Supplied	3-inch Platform, Pop-off Cup
Speed	500 - 3000 RPM (2850 for 50Hz models)
Timer - Hands Free	1-99 minutes or continuous
Pulse - ON/OFF	0.1 seconds - 99 minutes
Dimensions (D x W x H)	165 x 122 x 165mm (6.5 x 4.8 x 6.5in)
Weight	4 Kg (8.8 lb)
Markings / Warranty	CE / 2-Years
CATALOG NUMBERS	
120V	SI-P236
230V - No Plug	SI-P246
230V - European Plug	SI-P256
230V - British Plug	SI-P266
230V - Swiss Plug	SI-P276
240V - Australian Plug	SI-P296
100V	SI-P286

See page 3 for accessories.

U.S. Pats. 4,781,487
5,707,861

Cell Disruptors and Media



- ### Disruptor Genie®
- Rapid hands-free disruption of up to 12 microtubes (1.5ml or 2.0ml) at one time
 - Timer for speed up to 15 minutes for Analog model, up to 99 minutes for Digital model or continuous for both models
 - Unique agitation, vortexing, and collision actions for cell disruption and sample resuspension
 - Digital model is ideal for accurate, reproducible, repeatable results, featuring adjustable speed, time and speed alarm
 - Less costly than ultrasonic units or homogenizers

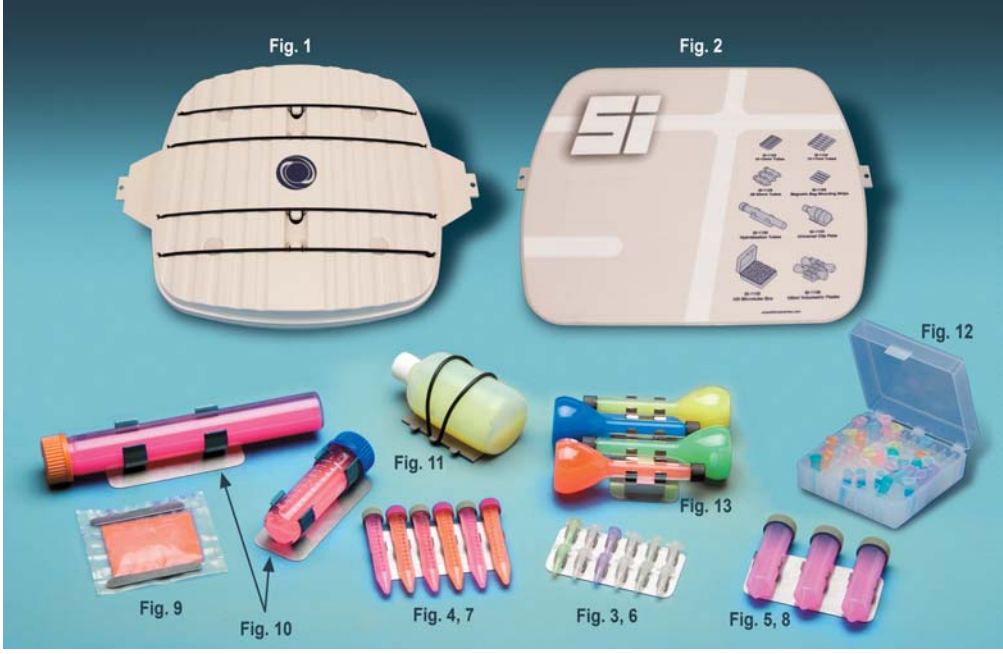
- ### Disruptor Beads™
- Spherical lead free soda lime glass beads are available in two sizes
 - Can be used for disruption of yeast, bacteria, and other samples
 - Used in combination with Disruptor Genie or TurboMix™ attachment for Vortex-Genie® 2, Vortex-Genie® 2T or Digital Vortex-Genie® 2

U.S. Pats. 5,707,861
4,781,487

SPECIFICATIONS			
	Disruptor Genie	Digital Disruptor Genie	Disruptor Beads
Supplied	Universal Microtube Holder (tubes not included) and Pop-off Cup	Universal Microtube Holder (tubes not included) and Pop-off Cup	0.1mm diameter beads for bacteria or 0.5mm diameter beads for yeast
Timer	0-15 minutes or continuous	0-99 minutes or continuous	N/A
Speed	3000 RPM (2850 for 50Hz models)	1000-3000 RPM (2850 for 50Hz models)	N/A
Speed Alarm	N/A	On/Off, Adjustable	N/A
Dimensions (base) (D x W x H)	165 x 122 x 190mm (6.5 x 4.8 x 7.5in)	165 x 122 x 190mm (6.5 x 4.8 x 7.5in)	N/A
Weight	4.3 Kg (9.5 lb)	4.3 Kg (9.5 lb)	375g (8 fl. oz.)
Markings / Warranty	ETL, CE / 2-Years	CE / 2-Years	N/A
CATALOG NUMBERS			
120V	SI-D238	SI-DD38	SI-BG01 (0.1mm)
230V - No Plug	SI-D248	SI-DD48	SI-BG05 (0.5mm)
230V - European Plug	SI-D258	SI-DD58	
230V - British Plug	SI-D268	SI-DD68	
230V - Swiss Plug	SI-D278	SI-DD78	
240V - Australian Plug	SI-D298	SI-DD98	
100V	SI-D288	SI-DD88	

Rotators

Accessories



ACCESSORIES ORDERING INFORMATION			
Fig.	Cat. No.	Description	Magnetic Platform Capacity
1	SI-2110	Standard Platform with Bands	N/A
2	SI-2210	Magnetic Platform	N/A
3	SI-1123(*)	1 Clip Plate for 12 each 10-13mm tubes	12 clip plates
4	SI-1124(*)	1 Clip Plate for 6 each 15-17mm tubes	12 clip plates
5	SI-1125(*)	1 Clip Plate for 3 each 28-30mm tubes	12 clip plates
6	SI-1120(*)	6 Clip Plates for 12 each 10-13mm tubes	12 clip plates
7	SI-1121(*)	6 Clip Plates for 6 each 15-17mm tubes	12 clip plates
8	SI-1122(*)	6 Clip Plates for 3 each 28-30mm tubes	12 clip plates
9	SI-1126(*)	Bag Mounting Strips (pack of 16)	N/A
10	SI-1130(*)	2 Clip Plates for Hybridization Tubes	N/A
11	SI-1134(*)	2 Universal Clip Plates	N/A
12	SI-1135(*)	1 Magnetic Covered 100 Microtube Box	8 boxes
13	SI-1136(*)	1 Clip Plate for 100ml Volumetric Flasks	N/A

(*) - Requires magnetic platform, (Cat. No. SI-2210), which is supplied with all SI-22XX models or can be purchased separately.

Rotators



Rugged and Versatile Lab Rotator!

- Holds a wide variety of tubes, flasks, microplates, bags, and odd-shaped vessels at any angle
- Available in two INTERCHANGEABLE platform configurations
- Standard platform is designed to turn 90 degrees allowing different mixing motions
- MAGNETIC platform features unique spring clip plate system
- Designed for cold room and incubator use. Will easily fit in most incubators
- Uniquely designed for a wide selection of motions which can be adjusted from gentle rolling to forceful end over end mixing

SPECIFICATIONS

Supplied	Standard Platform with Retaining Bands or Magnetic Platform
Speed	5-35 RPM
Overall Dimensions (W x D x H)	400 x 175 (290 platform horizontal) x 400mm (15.8 x 7.0 (11.5 platform horizontal) x 15.8 in)
Platform Dimensions	
Standard Platform	260 x 260mm (10.25 x 10.25 in)
Magnetic Platform	290 x 315mm (11.5 x 12.5 in)
Weight	5.2 Kg (11.5 lb)
Environmental	Installation Category 2, 0-38°C (32-100°F), 95% max. relative humidity
Markings / Warranty	CE / 2-Years

CATALOG NUMBERS

Standard Platform, 120V	SI-2100
Magnetic Platform, 120V	SI-2200
Standard Platform, 230V, No Plug	SI-2101
Magnetic Platform, 230V, No Plug	SI-2201
Standard Platform, 230V, Euro Plug	SI-2102
Magnetic Platform, 230V, Euro Plug	SI-2202
Standard Platform, 230V, British Plug	SI-2103
Magnetic Platform, 230V, British Plug	SI-2203
Standard Platform, 230V, Swiss Plug	SI-2104
Magnetic Platform, 230V, Swiss Plug	SI-2204
Standard Platform, 240V, Aust. Plug	SI-2106
Magnetic Platform, 240V, Aust. Plug	SI-2206
Standard Platform, 100V	SI-2105
Magnetic Platform, 100V	SI-2205

Large Capacity Shakers

MULTI VORTEX-GENIE®



Vortex Anything and Everything that only a Vortex-Genie® can - Only More!

- Same true vortexing as with the original Vortex-Genie® 2
- Holds multiple test tubes, vials, or cylinders of various sizes (racks included) or up to six 250mL vessels, or a combination of tubes and vessels such as Erlenmeyer flasks
- Digital control and display of speed and time for reproducibility and accuracy, with true speed display
- No additional holders or accessories necessary. Racks are included
- Designed and built "Genie™" strong, rugged and reliable

SPECIFICATIONS

Supplied (Capacity)	Two 12-Pack Multi-Tube Racks holding up to 24 tubes of any material up to 29mm dia., or up to six 250mL vessels
Speed	200-1000 RPM (950 for 50Hz models)
Orbit	4mm dia. (Same as Vortex-Genie 2)
Timer	1-99 minutes or continuous
Dimensions (D x W x H)	310 x 270 x 195mm (12.2 x 10.6 x 7.7in)
Weight	11.3 Kg (25 lb)
Markings / Warranty	CE / 2-Years

CATALOG NUMBERS

120V	SI-M236
230V - No Plug	SI-M246
230V - European Plug	SI-M256
230V - British Plug	SI-M266
230V - Swiss Plug	SI-M276
240V - Australian Plug	SI-M296
100V	SI-M286
12-Pack Multi-Tube Rack	SI-M010
12-Pack Multi-Tube Rack (set of 2)	SI-M020

Microplate Mixers

MICROPLATE GENIE™ & MULTI-MICROPLATE GENIE™



- Small vortexing orbit of 1.0mm for thorough mixing regardless of sample viscosity, even in 384-well plates
- Speed and orbit combine to offer true vortexing action in each well of a microplate
- All models may be used as standard "continuous" microplate mixers/shakers
- Digital Pulse version is programmable with "ON" and "OFF" Pulsing time between 0.1 seconds to 99 minutes
- Analog model is ideal for high speed mixing. Digital Pulse model is ideal for precise speed and time control
- Multi-MicroPlate Genie accepts up to 4 microplates, 8 with optional accessory tray

SPECIFICATIONS

Microplate Mixer Model	MicroPlate Genie	Multi-MicroPlate Genie
Speed (Analog)	750-3200 RPM (2700 for 50Hz models)	750-3200 RPM (2700 for 50Hz models)
Speed (Digital)	500-3000 RPM (2850 for 50Hz models)	500-3000 RPM (2850 for 50Hz models)
Timer (Analog)	1-60 minutes or continuous	1-60 minutes or continuous
Timer (Digital)	1-99 minutes or continuous	1-99 minutes or continuous
Pulse - ON/OFF (digital only)	0.1 seconds - 99 minutes	0.1 seconds - 99 minutes
Vortexing Orbit	1.0mm dia.	1.0mm dia.
Maximum Capacity	1 microplate, any type with standard SBS footprint	4 microplates (8 microplates with optional tray)
Dimensions (D x W x H)	165 x 165 x 150mm (6.5 x 6.5 x 5.75in)	335 x 240 x 165mm (13.2 x 9.4 x 6.5in)
Weight	2.75 Kg (6.1 lb)	3.75 Kg (8.1 lb)
Markings / Warranty	CE / 2-Years	CE / 2-Years

CATALOG NUMBERS

	MicroPlate Genie	Multi-MicroPlate Genie
120V	SI-0400 / SI-0400A	SI-4000 / SI-4000A
230V - No Plug	SI-0401 / SI-0401A	SI-4001 / SI-4001A
230V - European Plug	SI-0402 / SI-0402A	SI-4002 / SI-4002A
230V - British Plug	SI-0403 / SI-0403A	SI-4003 / SI-4003A
230V - Swiss Plug	SI-0404 / SI-0404A	SI-4004 / SI-4004A
240V - Australian Plug	SI-0406 / SI-0406A	SI-4006 / SI-4006A
100V	SI-0405 / SI-0405A	SI-4005 / SI-4005A
Multi-MicroPlate Accessory Tray	N/A	SI-4010
Kit for PCR Plates	0K-0400-901	0K-0400-901

Orbital Shakers

Accessories



Flask Clamps (for SI-1600) are of stainless steel construction for added strength and safety. Mix and match different size clamps on same platform or all same size (capacity is indicated). Includes mounting screws. Note: Flask Clamps can also be used on SI-1700 by removing the blue Adhering Mat.

Double Sided Adhesive Tape and Adhering Mat (for SI-1600 or SI-1700) are alternatives to flask clamps for securing vessels to shaker platform. Both are ideal for containers such as bottles and dishes that cannot be held with conventional clamps. Note: Tape and Mat cannot be used on SI-1500.

ACCESSORIES ORDERING INFORMATION

Catalog No.	Description	Platform Capacity
SI-1610	100mL Flask Clamp	36
SI-1611	125/150mL Flask Clamp	36
SI-1612	250mL Flask Clamp	25
SI-1613	500mL Flask Clamp	16
SI-1614	1L Flask Clamp	9
SI-1615	2L Flask Clamp	5
SI-1616	Double Sided Adhesive Tape Roll, 1.5m x 25.4mm (60in x 1in)	N/A
SI-1617	Adhering Mat, Blue, 460mm x 460mm (18in x 18in)	N/A
SI-1510	Universal Ratcheting Clamp	N/A
SI-1618	Non-Slip Mat for Low Speed	N/A

SPECIFICATIONS

Speed	10-300 RPM including Stir Reverse
Timer	1 min - 99 hours w/Alarm or Continuous
Orbit	35mm dia.
Selectable Ramp Rates	10 - 100 RPM/sec
Maximum Load	21 Kg (46 lb)
Platform Dimensions (D x W)	460 x 460mm (18 x 18in)
Overall Dimensions (D x W)	590 x 500mm (23 x 20in)
Markings / Warranty	CE / 2-Years

CATALOG NUMBERS

	Orbital-Genie Ratcheting Clamps	Orbital-Genie Standard Flask Clamps	Orbital-Genie Adhering Mat
120V	SI-1500	SI-1600	SI-1700
230V - No Plug	SI-1501	SI-1601	SI-1701
230V - European Plug	SI-1502	SI-1602	SI-1702
230V - British Plug	SI-1503	SI-1603	SI-1703
230V - Swiss Plug	SI-1504	SI-1604	SI-1704
240V - Australian Plug	SI-1506	SI-1606	SI-1706
100V	SI-1505	SI-1605	SI-1705

Orbital Shakers



New and Improved Design with "Whisper Quiet™ Technology"

- Choice of THREE different units depending on preferred platform
- Variable shaking speed with orbit REVERSING
- Fully programmable - time, reversing time, and acceleration/deceleration rates
- Create any mixing action from a smooth vortex to sloshing aeration (or anything in between)
- Equipped with stepper motor, delivering exceptional speed control, accuracy, and durability
- Timer displays time or, when programmed to a defined limit, will shut off the unit
- May be used in cold room or incubator and CO2 environments

Platform Options



- 1. Orbital-Genie With Universal Ratcheting Clamps** provides the flexibility for using a mix of different size and shape vessels on a single platform. Unit is supplied with two ratcheting and one non-ratcheting cushioned clamps. Extra ratcheting clamps for more than two rows of smaller vessels are optional.
- 2. Orbital-Genie With Adhering Mat** provides a flat platform with adhering rubber mat perfect for use with open containers. Patented material is naturally adhering. Rinse clean to renew adhering properties.
- 3. Orbital-Genie For Standard Flask Clamps** is equipped with a platform for accepting various size flasks or beakers. Clamps sold separately.

Fully Programable Magnetic Stirrers



Programmable High/Low Speed Stirring

- High and low speed range including reverse and interval stirring for applications ranging from gentle stirring for cell culture to aggressive mixing for viscous polymers
- Profiles mode allows users to quickly program speed, ramp rate, stir direction, time (including pause), and power level. Up to 4 stirring programs can be saved
- Three power levels are available for various sample viscosities
- Automatic mode recalls and executes one of up to 4 user-defined profiles
- Manual mode provides stir, stir reverse, and time functions

SPECIFICATIONS		
Magnetic Stirrer Model	MagStir Genie	MultiMagStir Genie
Speed	10-1800 RPM	10-1200 RPM
Timer	1 second - 99 hours	1 second - 99 hours
Programmable	Yes	Yes
Power Levels	Low, Medium, High	Low, Medium, High
Selectable Ramp Rates	5 - 300 rpm/sec	5 - 300 rpm/sec
Memory	Up to 4 user-defined profiles	Up to 4 user-defined profiles
Maximum Stirring Positions	1	4
Maximum Stirring Capacity	2 L (larger for low speed stirring)	1 L each position (larger for low speed stirring)
Dimensions (D x W x H)	200 x 160 x 55mm (7.9 x 6.3 x 2.2in)	375 x 325 x 48mm (14.8 x 12.8 x 1.9in)
Weight	1.0 Kg (2.2 lb)	3.2 Kg (7.0 lb)
Markings / Warranty	ETL, CE / 2-Years	ETL, CE / 2-Years
CATALOG NUMBERS		
120V/100V	SI-0300	SI-3000
230V - No Plug	SI-0301	SI-3001
230V - European/Swiss Plug	SI-0302	SI-3002
230V - British Plug	SI-0303	SI-3003
240V - Australian Plug	SI-0306	SI-3006

Large Volume Magnetic Stirrers

MEGAMAG GENIE®



- Powerful "rare earth" magnets stay coupled even under the most demanding stirring conditions
- Rugged ABS/Polycarbonate housing and the famous Vortex-Genie® heavy-duty motor
- Choice of THREE different models - Analog or Digital for high speed applications, and Low Range Digital for low speed applications
- May be used in cold rooms and incubators

SPECIFICATIONS

Magnetic Stirrer Model	MegaMag Genie	MegaMag Genie Digital	MegaMag Genie LR Digital
Speed	250-1300 RPM	250-1300 RPM	50-300 RPM (285 for 50Hz models)
Timer	N/A	1-99 min or continuous	1-99 min or continuous
Maximum Stirring Positions	1	1	1
Maximum Stirring Capacity	38 L	38 L	38 L
Top Surface Dimensions (D x W)	305 x 305mm (12 x 12in)	305 x 305mm (12 x 12in)	305 x 305mm (12 x 12in)
Overall Dimensions (D x W x H)	310 x 305 x 130mm (12.25 x 12 x 5.1in)	310 x 305 x 130mm (12.25 x 12 x 5.1in)	310 x 305 x 130mm (12.25 x 12 x 5.1in)
Weight	3 Kg (6.6 lb)	3 Kg (6.6 lb)	3 Kg (6.6 lb)
Markings / Warranty	CE / 2 Years	CE / 2 Years	CE / 2 Years

CATALOG NUMBERS

120V	SI-2236	SI-3236	SI-3236L
230V - No Plug	SI-2246	SI-3246	SI-3246L
230V - European Plug	SI-2256	SI-3256	SI-3256L
230V - British Plug	SI-2266	SI-3266	SI-3266L
230V - Swiss Plug	SI-2276	SI-3276	SI-3276L
240V - Australian Plug	SI-2296	SI-3296	SI-3296L
100V	SI-2286	SI-3286	SI-3286L

Four Position Magnetic Stirrers

QUADMAG GENIE®



- Choice of TWO different models- Analog or Digital
- Powerful "rare earth" magnets stay coupled even under the most demanding stirring conditions
- Rugged ABS/Polycarbonate housing and the famous Vortex-Genie® motor
- May be used in cold rooms and incubators

SPECIFICATIONS

Magnetic Stirrer Model	QuadMag Genie	QuadMag Genie Digital
Speed	250-1300 RPM	250-1300 RPM
Timer	N/A	1-99 min or continuous
Maximum Stirring Positions	4	4
Maximum Stirring Capacity	2 Liters Each Position (Simultaneous)	2 Liters Each Position (Simultaneous)
Top Surface Dimensions (D x W)	305 x 305mm (12 x 12in)	305 x 305mm (12 x 12in)
Overall Dimensions (D x W x H)	310 x 305 x 130mm (12.25 x 12 x 5.1in)	310 x 305 x 130mm (12.25 x 12 x 5.1in)
Weight	3 Kg (6.6 lb)	3 Kg (6.6 lb)
Markings / Warranty	CE / 2-Years	CE / 2-Years

CATALOG NUMBERS

120V	SI-4236	SI-5236
230V - No Plug	SI-4246	SI-5246
230V - European Plug	SI-4256	SI-5256
230V - British Plug	SI-4266	SI-5266
230V - Swiss Plug	SI-4276	SI-5276
240V - Australian Plug	SI-4296	SI-5296
100V	SI-4286	SI-5286