Scientific Industries, Inc.

Home of the Multi-Task Genie™ Family

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

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
- Specially configured unit for Applied Biosystems protocol available

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: Hands-Free:	1-60 seconds 1-60 minutes or continuous	1-99 seconds 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			AB MODELS
120V	SI-T236	SI-A236	SI-A536
230V - No Plug	SI-T246	SI-A246	SI-A546
230V - European Plug	SI-T256	SI-A256	SI-A556
230V - British Plug	SI-T266	SI-A266	SI-A566
230V - Swiss Plug	SI-T276	SI-A276	SI-A576
240V - Australian Plug	SI-T296	SI-A296	SI-A596
100V	SI-T286	SI-A286	SI-A586

See page 3 for accessories.

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Vortex-Genie® Family Accessories

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

Fig.	Cat. No.	Description	Fig.	Cat. No.	Description
2,3	504-0233-00	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
3A	504-0232-00	Deepwell Microplate Foam Insert (2)**	17	SI-H506	Horizontal 50ml Tube Holder (6)
5-10	503-0282-00	H302 Large Sample Set	18	SI-H512	Horizontal 15ml Tube Holder (12)
5	504-0039-00	Recessed Platform	19	SI-H524	Horizontal Microtube Holder (24)
6	503-0278-00	9-16mm Tube Foam Inserts (2)***	20	SI-V203	Vertical High Speed 50ml Tube Holder (3)
7	503-0279-00	14-29mm Tube Foam Inserts (2)***	21	SI-V206	Vertical High Speed 15ml Tube Holder (6)
8	503-0280-00	29-37mm Tube Foam Inserts (2)***	22	SI-V209	Vertical High Speed Microtube Holder (9)
9	503-0277-00	Blank Foam Inserts (2)***	23	SI-V506	Vertical 50ml Tube Holder (6)
--	503-0283-00	Assorted Foam Inserts (4)***	24	SI-V512	Vertical 15ml Tube Holder (12)
10	568-0001-00	Elastic Bands (2)***	25	SI-V524	Vertical Microtube Holder (24)
11	146-3011-00	Pop-off Cup	26	SI-V525	Vertical 50ml, 15ml, Microtube Holder
12	0K-0500-902	3-inch Platform with Rubber Cover	--	SI-0513	Microplate Adaptor for Applied Biosystems
--	580-2013-00	Rubber Cover for 3-inch Platform	--	0K-0513-900	Replacement Elastic Bands for SI-0513 (2)
--	0K-0236-408	Bottom Closure with Screws Kit			

* May be used with TurboMix Attachment or Disruptor Genie®
** 6-inch Platform Required
*** Recessed Platform Required

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.

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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

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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	

MULTI VORTEX-GENIE®

"NEXT GENERATION" HIGH CAPACITY VORTEX MIXING

- Same true vortexing as with the original Vortex-Genie® 2
- New ADJUSTABLE clamping system accommodates a greater variety of containers, including deep well plates and up to (4) 500mL bottles
- Designed and built "Genie™" strong, rugged and reliable
- 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

SPECIFICATIONS	
Supplied (Capacity)	Two 12-Pack Multi-Tube Racks holding up to 24 tubes of any material up to 29mm dia., up to six 250mL vessels, or up to 4 deep well plates
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		
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

Fully Programmable 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
- Three power levels are available for various sample viscosities
- Manual mode provides stir, stir reverse, and time functions
- 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
- Automatic mode recalls and executes one of up to 4 user-defined profiles

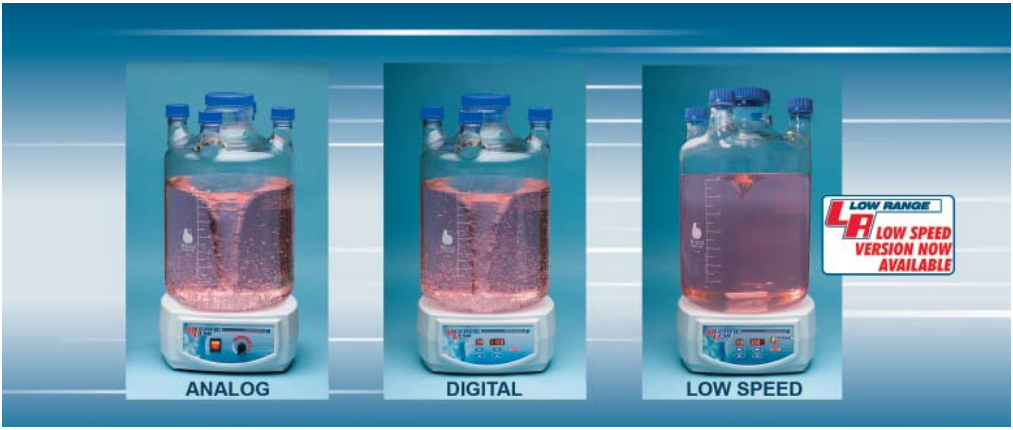
SPECIFICATIONS		
Magnetic Stirrer Model	MagStir Genie	MultiMagStir Genie
Speed	10-1800 RPM	10-1200 RPM
Timer	1 second - 99 hours	1 second - 99 hours
Programmable	Yes	Yes
Power Levels	Low, Medium, High	Low, Medium, High
Selectable Ramp Rates	5 - 300 rpm/sec	5 - 300 rpm/sec
Memory	Up to 4 user-defined 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

U.S. Pat. 6,962,433

1-888-850-6208

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- High Speed 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 (controllable)
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

Orbital Shakers

ORBITAL-GENIE™

New and Improved Design with "Whisper Quiet™ Technology"

- Choice of THREE different large footprint units depending on preferred platform (18 x 18in)
- Variable shaking speed with orbit REVERSING
- Fully programmable - time, reversing time, acceleration/deceleration rates, and variable RUN/STOP time
- 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.

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
Interval - ON/OFF	1 min - 99 hours
Orbit	35mm dia.
Selectable Ramp Rates	10 - 100 RPM/sec
Maximum Load	12 Kg (26 lbs)
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

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 Magnetic Platform	 260 x 260mm (10.25 x 10.25 in) 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

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
14	SI-1137(*)	Dual Port Mixing Tube(†)	2

(*) - Requires magnetic platform, (Cat. No. SI-2210), which is supplied with all SI-22XX models or can be purchased separately.
(†) - Requires SI-1130

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

Accessories Supplied with Unit

- 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

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

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
16	SI-1170	Stackable Tray for Roto-Shake Genie
17	SI-1137	Dual Port Mixing Tube (use with SI-1130)

Rotator/Rocker/Incubator/Oven

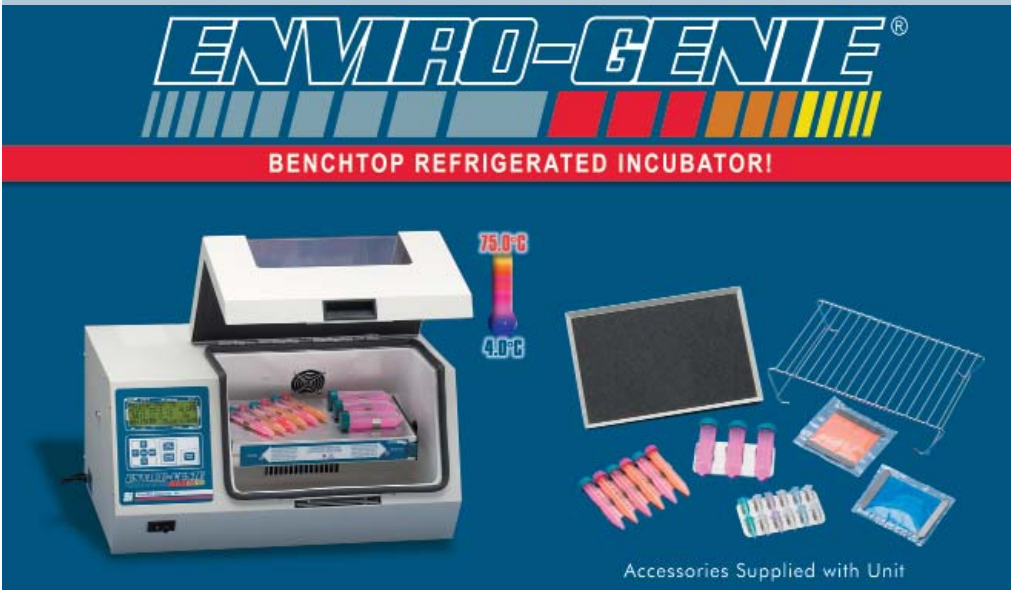
- Incubate, Rotate, Rock, and Shake all in ONE compact unit
- Magnetic stainless steel platform may be easily set to rock or rotate almost any container
- Precise temperature control and uniformity - range from 28ºC to 75ºC
- Chamber air is gently and continuously re-circulated ensuring temperature consistency 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	28-75ºC (82-167ºF)
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



- 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 ft^3)
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.

U.S. Pat. 5,918,979 & 6,962,433

BagRotator

Powerful and rugged rotator for effective mixing of transfer packs or random sealed bags, maintaining platelets and other sample components in suspension without risk of damage.

Economic Rotator For Transfer Packs and Bags

- Wire basket holds up to 40 standard 300ml transfer packs (5 packs per compartment)
- Specialized basket design prevents bag movement
- Can effectively mix contents of almost any sealed bag type
- Gentle yet thorough mixing eliminates the risk of sample damage or trauma
- Bags rotate “end-over-end” with a fixed speed of 3 RPM regardless of the number of bags
- Maintains platelets in even suspension throughout the bag

CATALOG NUMBERS	
120V	SI-1000
230V - No Plug	SI-1001
230V - European Plug	SI-1002
230V - British Plug	SI-1003
230V - Swiss Plug	SI-1004
240V - Australian Plug	SI-1006
100V	SI-1005
SPECIFICATIONS	
Weight	7.7 kg (17.0 lb) with basket
Base Dimensions (D x W x H)	252 x 508 x 267mm (9.9 x 20.0 x 10.5in)
Speed	Fixed rotation, 3 RPM ±0.5 RPM
Capacity	Up to (40) 300ml transfer packs or random bags
Warranty	2-Years

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MADE IN THE USA

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