

Mixers

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Mixers

Mixers



Vortex-Genie® 1



Vortex-Genie® 2



Vortex-Genie® 2T



Digital Vortex-Genie® 2

Standard Features

Vortex-Genie® 1

- Violent single high-speed vortexing
- Easy-to-use Touch On operation
- Large, 6 mm orbit for aggressive vortexing of difficult samples
- May be used with Pop-Off Cup or optional 3-inch platform
- Vortex-Genie quality at an even more economical price

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

Vortex-Genie® 2T

- Same great features as the Vortex-Genie 2
- Timer function - Touch on: 1-60 sec, Hands-Free: 1-60 min. or continuous
- Unit automatically stops at the end of user-programmed time
- May be used in cold rooms and incubators

Digital Vortex-Genie® 2

- Rapid hands-free disruption of up to 12 microtubes (1.5 mL or 2.0 mL) at one time
- Maintains operating speed for up to 15 minutes, or continuous operation, even in cold rooms
- Supplied pop-off cup easily attaches for use as a standard single-tube vortex mixer
- Less costly than ultrasonic units or homogenizers
- Use with Disruptor Beads™, made from spherical lead free soda lime glass, available in two sizes
- Disruptor Beads are used with Disruptor Genie or TurboMix™ attachment for Vortex-Genie® 2 or Vortex-Genie® 2T and Digital Vortex-Genie® 2

SPECIFICATIONS				
Model #	Vortex-Genie® 1	Vortex-Genie® 2	Vortex-Genie® 2T	Digital Vortex-Genie® 2
Supplied	Pop-Off Cup	3in Platform, Pop-off Cup		
Speed (RPM)	3200	600-3200		500-3000
Timer-Touch On: Hands-Free:	N/A		1-60 Seconds 1-60 minutes or continuous	1-99 seconds 1-99 minutes or continuous
Weight	8.8lb (4kg)			
Dimensions (base) (D x W x H)	6.5in x 4.8in x 6.5in (165mm x 122mm x 165mm)			

ORDERING INFORMATION		
Part #	Description	List Price
88413	Vortex-Genie 1, 120V, 60 Hz	\$261.00
88411	Vortex-Genie 2, 120V, 60 Hz	\$305.00
88415	Vortex-Genie 2T, 120V, 60 Hz	\$385.00
100762	Digital Vortex-Genie 2	\$390.00

Mixers

Fig. 2



Fig. 3



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10



Fig. 11



Fig. 12



Fig. 13



Fig. 14



Fig. 15



Fig. 16



Fig. 1
Model H301
Multiple Sample
Starter Set



Fig. 4
Model H302 Large
Sample Set

ADDITIONAL ACCESSORIES

Fig.	Part #	Description	Fig.	Part #	Description
1	88436	Model H301 Multiple Sample Starter Set	4	88441	Model H302 Large Sample Set
-	88437	6-inch Platform (not shown separately)	5	88442	Recessed Platform
2	88438	Microtube Foam Insert (2)	6	88444	9-16mm Tube Foam Inserts (2)
3	88439	Microplate Foam Insert (2)	7	88445	14-29mm Tube Foam Inserts (2)
11	88449	Pop-off Cup	8	88446	29-37mm Tube Foam Inserts (2)
12	88450	3-inch Platform with Rubber Cover	9	88447	Blank Foam Inserts (2)
13	88432	TurboMix™ Attachment, 1.5ml Tubes	-	88448	Assorted Foam Inserts (4)
-	88433	TurboMix Attachment, 2.0ml Tubes (not shown)	10	88443	Elastic Bands (2)
-	88454	1.5ml Microtube Holder* (not shown separately)	-	88440	Two-Tier Microplate Foam Insert (not shown)
14	91449	2.0ml Screw-cap Microtube Holder*	15	88435	Large Ampule/Tube Attachment
			16	88434	Small Ampule/Tube Attachment

* May be used with TurboMix attachment or Disruptor Genie

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Mixers

Disruptor Genie®



Standard Features

Disruptor Genie®

- Rapid hands-free disruption of up to 12 microtubes (1.5 ml or 2.0 ml) at one time
- Unique agitation, vortexting, and collision actions for cell disruption and sample resuspension
- Maintains operating speed for up to 15 minutes, or continuous operation, even in cold rooms
- Supplied pop-off cup easily attaches for use as a standard single-tube vortex mixer
- Ideal for glass bead procedures using Disruptor Beads
- 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® 2T or Digital Vortex-Genie® 2



Disruptor Beads®

SPECIFICATIONS

	Disruptor Genie 1.5 ml	Disruptor Genie 2.0 ml	Disruptor Beads
Supplied	1.5ml Microtube Holder (tubes not included) and Pop-off Cup	2.0ml Microtube Holder (tubes not included) and Pop-off Cup	0.1 mm diameter beads for bacteria 0.5 mm diameter beads for yeast
Dimensions (base) (D x W x H)	6.5in x 4.8in x 7.5in (165mm x 122mm x 190mm)		
Weight	4.3kg (9.5lb)		375g (8fl.oz.)

ORDERING INFORMATION

Part #	Description	List Price
88419	Disruptor Genie 1.5 ml	\$474.00
88420	Disruptor Genie 2.0 ml	\$474.00
88456	Disruptor Beads (0.1 mm)	\$21.00
88457	Disruptor Beads (0.5 mm)	\$21.00

Mixers



MicroPlate Genie™

Standard Features

MicroPlate Genie

- Small vortexing orbit of 1.0 mm for thorough mixing regardless of sample viscosity
- High speed and small orbit combine to offer true vortexing action in each well of the microplate
- Accepts most microplate types within the recommendations of the Society for Biomolecular Screening (SBS), even in 384-well formats

Multi-MicroPlate Genie

- Multi-MicroPlate Genie may be used to shake up to 4 microplates. An optional accessory deck is available to double capacity to shake up to 8 microplates at one time.
- Both models may be used in cold rooms and incubators for temperature sensitive applications
- Built-in timer operates from 1-60 minutes or continuous for hands-free use



Multi-MicroPlate Genie™

SPECIFICATIONS		
	MicroPlate Genie	Multi-MicroPlate Genie
Stirring Speed	750-3200 RPM	
Time	1-60 minutes or continuous	
Vortexing orbit	1.0mm diameter	
Maximum Capacity	1 microplate, any type with standard SBS footprint	4 microplates (8 microplates with optional deck)
Dimensions (D x W x H)	5.75in x 7.0in x 6.5in (150mm x 180mm x 165mm)	13.2in x 9.4in x 6.5in (335mm x 240mm x 16mm)
Weight	6.1 lb (2.75kg)	8.1 lb (3.75kg)

ORDERING INFORMATION		
Part #	Description	List Price
88430	MicroPlate Genie 120V, 60Hz	\$395.00
100763	Multi-Microplate Genie, 120V, 60Hz	\$535.00

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Roto-Shake Genie®



Standard Features

- Roto-Shake Genie 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

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)	9.9in x 20in x 10.5in (252mm x 508mm x 267mm) Depth with Rocker Tray 12in (305mm)
Weight	26lb (11.8kg)
Temperature	0-38°C (32-100°F) 95% maximum relative humidity

ORDERING INFORMATION		
Part #	Description	List Price
88423	Roto-Shake Genie, 120V, 60Hz	\$1,049.00