



CELL DISRUPTOR GENIE™



Affordable Bead Beater for Cell Disruption and Pellet Re-suspension in Microtubes

A powerful mechanical cell disruption device ideal for challenging glass bead procedures, including the disruption of yeast cells, bacteria, tissue or any sample requiring violent high-speed agitation. Digital variable speed model and Fixed speed model available - both support timed or continuous operation. Supports high-throughput disruption of up to 12 microtubes, 1.5 mL or 2.0 mL, snap cap or screw cap.

Unique Features:

- **Patented Dual-motion Mixing**

A unique patented mechanism combines vortex and disruption, enabling sample-bead collisions or breaking of pelletized samples directly within the tube.

- **Use with Disruptor Beads™**

Made from spherical lead-free soda lime glass, the Disruptor Beads™ are available in two sizes: 0.1 mm beads, ideal for bacteria samples, and 0.5 mm beads, perfect for yeast or fungi samples.

- **More than Disruption**





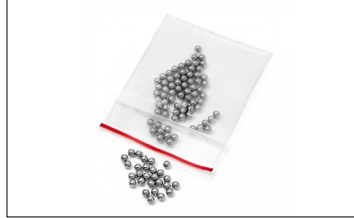
Simply remove the microtube holder and snap on the pop-off cup to enable continuous or timed high-speed vortexing of single test tubes.

CELL DISRUPTOR GENIE™

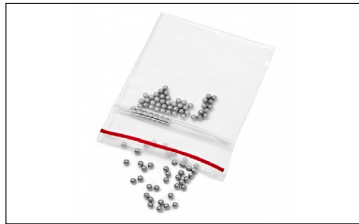
Specifications

Model	Disruptor Genie	Digital Disruptor Genie
Control	Analog	Digital
Display	-	Red LED
Accessories Included	Universal Microtube Holder, Pop-off Cup	
Capacity	12x 1.5/2.0 mL microtubes	
Speed Range	3000 rpm 2850 rpm (for 50Hz models)	1000 rpm - 3000 rpm 1000 rpm - 2850 rpm (for 50Hz models)
Speed Alarms	-	On/Off, Adjustable
Timer	0-15 minutes	1-99 minutes
Safety Certification	CE; ETL	
Power	120V, 0.65A, 60Hz 230V, 0.5A, 50Hz 100V, 1.0A, 50Hz	120V, 0.65A, 60Hz 230V, 0.5A, 50Hz 100V, 1.0A, 50/60Hz
Dimensions (L x W x H)	165 x 122 x 190 mm / 6.5 x 4.8 x 7.5 inch	
Net Weight	4.3 kg / 9.5 lb	
Working Environment	0°C - 38°C, 95%RH, non-condensing / 32°F - 100°F, 95%RH, non-condensing	

Accessories

			
83041243 (REF #: SI-V209)	83041423 (REF #: OK-0500-902)	83041438 (REF #: 146-3011-00)	83041441 (REF #: OK-0236-408)
Vertical High Speed Microtube Holder	3" Platform Head With Rubber Cover Kit	Pop-Off Cup Head	Molded Bottom Closure And Screws Kit, Re
			
83041475 (REF #: OK-0500-901)	83041297 (REF #: SI-BSG07)	83041298 (REF #: SI-BS05)	83041299 (REF #: SI-BS03)
3 inch Platform Head, without rubber cov	Genie Bead Sample Pack	Stainless Steel Beads, 5mm	Stainless Steel Beads, 3.2mm
	5 types of beads included	Stainless Steel 316 Beads may be used for tough animal tissue and resilient samples	Stainless Steel 316 Beads may be used for tough animal tissue and resilient samples

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83041300 (REF #: SI-BS02)

Stainless Steel Beads, 2.4mm

Stainless Steel 316 Beads may be used for tough animal tissue and resilient samples



83041301 (REF #: SI-BG05)

Disruptor Beads, 0.5mm, 375g (8 fl. oz.)

Soda Lime Glass Beads may be used for yeast, fungi



83041302 (REF #: SI-BG01)

Disruptor Beads, 0.1mm, 375g (8fl. oz.)

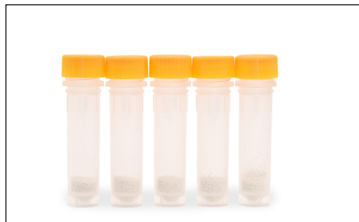
Soda Lime Glass Beads may be used for bacteria, spores



30391402

Lysis Tube 100x2mL 100µm ZrO2 Beads

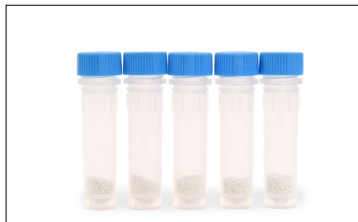
Zirconium Beads may be used for bacteria, spores



30391404

Lysis Tube 100x2mL 400µm ZrO2 Beads

Zirconium Beads may be used for yeast, algae, spores



30391405

Lysis Tube 100x2mL 800µm ZrO2 Beads

Zirconium Beads may be used for fungal mycelium, cells, spores, eukaryotic algae



30391406

Lysis Tube 100x2mL 1.4mm ZrO2 Beads

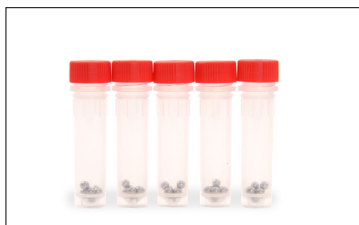
Zirconium Beads may be used for soft tissues, cultured cells and blood, thin sections of fungal thallus, soft plant material



30391408

Lysis Tube 100x2mL 3mm ZrO2 Beads

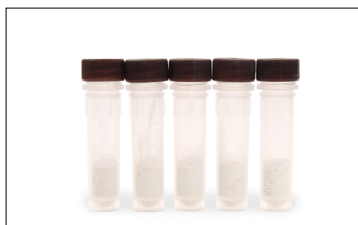
Zirconium Beads may be used for plant, stems, roots, leaves



30391409

Lysis Tube 100x2mL 3mm SS. Beads

Stainless Steel 440C Beads may be used for tough animal tissue and resilient samples



30391410

Lysis Tube 100x2mL 0.1/0.8/3mm ZrO2 Bead

Zirconium Beads may be used for feces, soil, sediments, biofilms



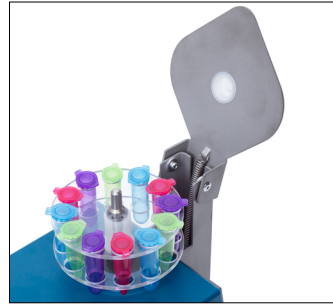
30391433

Lysis Tube 14x2mL Sample Kit

7 types of beads included

CELL DISRUPTOR GENIE™

Disruptor Close Up



Use with Accessory Attachments



with 830411243 (SI-V209)



with 83041423 (OK-0500-902)



with 83041438 (146-3011-00)

Other Features and Equipment

Zinc-casted housing with “no-walking feet” design, universal microtube holder, mounting bracket, adjustment knob with dial markings, or independent LED displays for digital models, use with 1.5mL or 2.0mL microtubes with snap or screw caps, hands-free operation, cold room and incubator compatible, speed monitor and alarm on digital model, sleep mode for energy saving on digital model.

Compliance

- **Product Safety:** IEC/EN 61010-1; IEC/EN 61010-2-051; CAN/CSA C22.2 61010-1-12; CAN/CSA C22.2 61010-2-051; UL 61010-1; UL 61010-2-051
- **Electromagnetic Compatibility:** IEC/EN 61326-1 Class A, Industrial environments; Canada ICES-003 Class A; FCC Part 15 Class A
- **Compliance Marks:** ETL; CE; RCM; WEEE

MULTIFUNCTION INCUBATOR GENIE™

Refrigera, Heat, Rotate, Rock, Stir, and Shaker All in ONE Compact Benchtop Incubator

Genie Incubators offer precise uniform temperature control for demanding incubation and temperature fluctuations. Optional accessories include: 120V/240V AC power supply, programmable digital display, temperature range, control, manual, alarm, and optional add-on attachments and the Genie-Genie accessories (optional and sold separately).

Other Features:

- Designed for Precision, Built for Versatility, Used for Any Lab.
- Combining a compact design with an inside 24.0 liter Genie Incubator offer uniform temperature control, 2.0 liter capacity and 1.5, and support holding 1200mg, 1500mg, and 2000mg.
- Unique Magnetic Edge System Offers Unlimited Configurations and Flexibility. Move your glass and plastic racks in a matter of seconds. Rotate, reconfigure, flip, and add third round. Tucks into the magnetic platform at an angle, in or out.
- Includes optional add-on features: 120V/240V AC power supply, programmable digital display, temperature range, control, manual, alarm, and optional add-on attachments and the Genie-Genie accessories (optional and sold separately).

2 Block Dry Block Heaters

Versatile Block Heaters Designed for Everyday Use with Accessories for Every Application

Genie Block Heaters are ideal for applications that require temperature stability. All units hold 2.0 liter capacity and are designed for precision, accuracy, and safety. The heaters with heated lid features a second heater in the lid to ensure conduction to maintain your lid temperature.

Other Features:

- Precision temperature control, digital display, temperature range, control, manual, alarm, and optional add-on attachments and the Genie-Genie accessories (optional and sold separately).
- Includes optional add-on features: 120V/240V AC power supply, programmable digital display, temperature range, control, manual, alarm, and optional add-on attachments and the Genie-Genie accessories (optional and sold separately).



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The management system governing the manufacture of this product is ISO 9001:2015 certified.

