Bead Genie™

Compact yet Heavy-duty Homogenizer that Offers Excellent Cost-effectiveness

Bead beater ideal for lysing, extraction, or homogenization, utilizing an aggressive vertical mixing motion. Comes with 4 holders to hold vertically 12x microtubes (1.5 or 2.0 mL), 6x 15 or 5 mL tubes, 3x 50 or 20 mL tubes, and 12x microtubes (1.5 or 2.0 mL) horizontally. Beads are also available and sold separately for complete bead beating solution. The Bead Genie is compact compared to most bead beaters and homogenizers, yet heavy and durable.

Unique Features:

- **Small but Mighty**

  Efficient DC motor and solid metal build enable aggressive 19mm vertical agitation without shifting, while the compact design fits easily into tight lab spaces like biosafety cabinets and cold rooms.

- **Broadly Compatible with Various Centrifuge Tubes and Beads**

  Comes with 4 holders for microtubes, 5 mL, 15 mL, 20 mL, and 50 mL tubes, requiring no additional tools for swapping. Supports both glass and stainless steel beads for different sample types.

- **Digital Speed & Timer Control**

  Adjustable speed and timer ensure reproducible results and fine control for varied protocols. Variable RUN/STOP time provides rapid pulsing for superior interval mixing.

BEAD GENIE™

Specifications

Model	Bead Genie
Control	Digital
Accessories Included	Tube Holder for 12x 1.5/2.0 mL, Tube Holder for 12x 1.5/2.0 mL (horizontal) , Tube Holder for 6x 15/5 mL, Tube Holder for 3x 50/20 mL
Capacity	12x 1.5/2.0 mL microtubes, 6x 15/5 mL tubes, 3x 50/20 mL tubes
Motion	Reciprocating, 19 mm
Speed Range	500 - 4800 strokes per minute
Timer	1 second - 99 minutes
Pulse - ON/OFF Time	1 second - 99 minutes
Safety Certification	CE
Power	100V-240V, 1.5A, 50/60Hz
Dimensions (L x W x H)	165 x 122 x 330 mm
Net Weight	6 kg
Working Environment	0°C - 38°C, 95%RH, non-condensing

Accessories

83041297 (REF #: SI-BSG07)

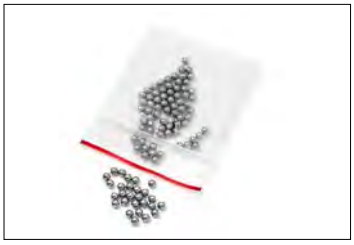
Genie Bead Sample Pack

5 types of beads included

83041298 (REF #: SI-BS05)

Stainless Steel Beads, 5mm

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



83041299 (REF #: SI-BS03)

Stainless Steel Beads, 3.2mm

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

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)

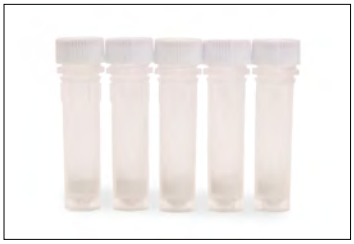
Disruptor Beads, 0.5mm, 375g (8 fl. oz.)

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

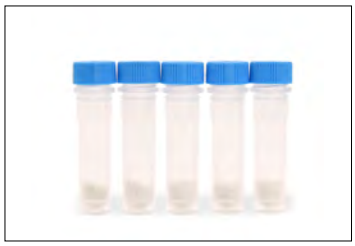
Zirconium Beads
may be used for bacteria, spores

30391404

Lysis Tube 100x2mL 400µm ZrO2 Beads

Zirconium Beads
may be used for yeast, algae, spores

BEAD GENIE™

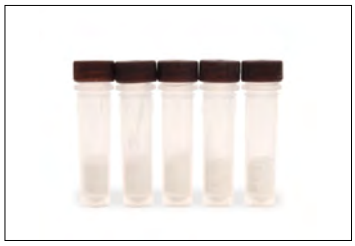


30391405
Lysis Tube 100x2mL 800µm ZrO2 Beads
Zirconium Beads may be used for fungal mycelium, cells, spores, eukaryotic algae

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

Install Microtubes Horizontally

1. Pick horizontal tube holder

2. Put tube holder onto shaft

3. Place tubes on holder, cap end inward

4. Put lid on and tighten thumbscrew

5. Check if tubes are firmly clamped

6. Go bead beating

BEAD GENIE™

Install Tubes Vertically

1. Pick vertical tube holder

2. Put tube holder onto shaft

3. Hang tubes by cap's edge

4. Put lid on and tighten thumbscrew

5. Check if tubes are firmly clamped

6. Go bead beating

Other Features and Equipment

Coated aluminum housing and bottom plate, rubber feet, protective sleeve, backlit Liquid Crystal Display (LCD), tool-freeinterchangeable tube holders, countdown timer, solid metal casting weighing 13 pounds (6 kilos) ensures stable performance without movement.

Compliance

- **Product Safety:** IEC/EN 61010-1; IEC/EN 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:** CE; RCM; WEEE

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

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