

# DISRUPTOR GENIE® Cell Disruptor

**NEW  
IMPROVED  
DESIGN ON  
ALL MODELS**



**ANALOG**

**Unique  
multi-directional  
action for  
simultaneous  
agitation and  
vortexing.**



**DIGITAL**



**Disruptor Beads™**

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

- Rapid hands-free disruption of up to 12 microtubes (1.5ml or 2.0ml) with NEW Universal Microtube Holder
- Timer for speed up to 15 minutes for Analog model, up to 99 minutes for Digital model or continuous for both models
- Suitable for use in cold rooms or incubators
- 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 any Disruptor Genie or TurboMix™ attachment for Vortex-Genie® 2 family
- Digital model is ideal for accurate, reproducible, repeatable results. Features adjustable speed and speed alarm.

### Disruptor Genie and Disruptor Beads applications:

- Disruption of bacterial cultures for nucleic acid isolation and downstream processing
- Grinding plant tissue for DNA extractions
- Preparation of cell lysates from yeast or fungi
- Rapid resuspension of pellets
- Dissolution of chemical substances

Ordering Information	
Catalog No.	Description
SI-D2X8	Disruptor Genie
SI-DDX8	Digital Disruptor Genie
SI-BG01	Disruptor Beads, 0.1mm, 375g (8 fl. oz.)
SI-BG05	Disruptor Beads, 0.5mm, 375g (8 fl. oz.)

Specifications	
<b>Disruptor Genie</b>	
Weight	4.3 Kg (9.5 lb)
Base Dimensions (D x W x H)	165 x 122 x 190mm 6.5 x 4.8 x 7.5in
Time range (Analog)	0 - 15 minutes or continuous
Time range (Digital)	0 - 99 minutes or continuous
Capacity	Up to 12 - 1.5ml or 2.0ml microtubes (tubes not supplied)
Speed (Analog)	3000 RPM (2850 for 50Hz models)
Speed (Digital)	1000-3000 RPM (2850 for 50Hz models)
Speed Alarm (Digital)	On/Off, Adjustable
<b>Disruptor Beads</b>	
Bead Sizes	0.1mm diameter beads for bacteria 0.5mm diameter beads for yeast
Weight	375 grams (8 fl. oz.)

ETL Listed Conforms to UL Std. 3101-1  
ETL Listed Certified to CAN/CSA C22.2  
(Analog Only)

CE  
(Both Models)

