

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-D238	Disruptor Genie, 120V
SI-D248	Disruptor Genie, 230V, No Plug
SI-D258	Disruptor Genie, 230V, Euro Plug
SI-D268	Disruptor Genie, 230V, British Plug
SI-D278	Disruptor Genie, 230V, Swiss Plug
SI-D298	Disruptor Genie, 240V, Australian Plug
SI-D288	Disruptor Genie, 100V
SI-DD38	Digital Disruptor Genie, 120V
SI-DD48	Digital Disruptor Genie, 230V, No Plug
SI-DD58	Digital Disruptor Genie, 230V, Euro Plug
SI-DD68	Digital Disruptor Genie, 230V, British Plug
SI-DD78	Digital Disruptor Genie, 230V, Swiss Plug
SI-DD98	Digital Disruptor Genie, 240V, Australian Plug
SI-DD88	Digital Disruptor Genie, 100V
SI-BG01	Disruptor Beads, 0.1mm, 375g (8 fl. oz.)
SI-BG05	Disruptor Beads, 0.5mm, 375g (8 fl. oz.)

Specifications

Disruptor Genie	
Weight	4.3 Kg (9.5 lb)
Base Dimensions (D x W x H)	165 x 122 x 190mm
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 (additional holders sold separately, 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
Disruptor Beads	
Bead Sizes	0.1mm diameter beads for bacteria 0.5mm diameter beads for yeast
Weight	375 grams (8 fl. oz.)

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

CE (Both Models)



Phone: (631) 567-4700 • Fax: (631) 567-5896
Toll Free: 888-850-6208
Customer Service: custsvc@scientificindustries.com
scientificindustries.com