

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



(Both Models)



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