

**NEW**

# BEADBLASTER™ 96

BALL-MILL HOMOGENIZER FOR PLATES, TUBES AND JARS



- High-throughput homogenization  
2 x 96 well plates 8 x 50ml tubes 48 x 2.0ml tubes
- Powerful mixing action, homogenize bone, teeth and other difficult samples
- Ideal for DNA/RNA extractions, QuEChERS, cannabis and wet/dry grinding



Item: IPD9600  
~~\$10,995~~

Wide Range of Accessory Holders  
Complete listing on page 2



**Intro Special: \$9995**



### Any sample - wet, dry or cryogrind

Nearly any type of sample can be processed in the BeadBlaster 96. Biological samples can be homogenized in buffer using disposable containers from microplates to 50ml tubes. Environmental samples, plants, insects, forensic samples, minerals, ores and many others can be processed dry in jars with large grinding beads. Cryogrinding in jars expands usage to extra hard, fibrous or sticky samples that are easier to break down when frozen.

### Microplates

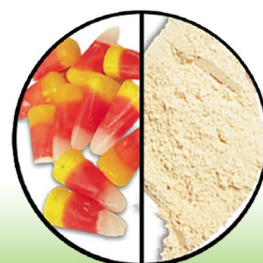
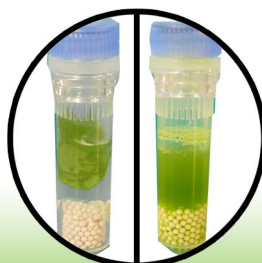
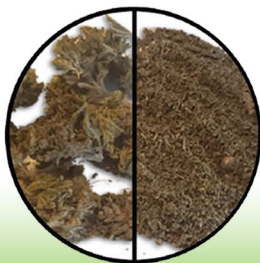
Samples can be homogenized to recover nucleic acids, proteins and metabolites in 96 well plates. Two deep well plates can be processed at one time for a total sample capacity of 192.

### Microtubes

The BeadBlaster 96 can process various types of samples in 2ml tubes. Prefilled tubes and bulk grinding media are available for homogenizing microorganisms to animal and plant tissues and small insects.

### 50ml Tubes

The BeadBlaster 96 can be used to process larger samples and cultures that cannot be processed in a microtube homogenizer. This adapter is also commonly used for QuEChERS, breaking down plant samples, such as cannabis/hemp, or mashing fruit and vegetable samples.



# Specifications and Ordering Information

## Technical Data

Speed/Increments	180 to 1800rpm/100rpm	Feed size	<10mm
Ambient operating temp.	4°C to 40°C	Final fineness*	<5µm
Cycle duration	1 sec to 59 min: 59 sec	Dimensions (WxDxH)	335 x 500 x 365mm
Pause	1 sec to 59 min: 59 sec	Weight	64 kg
Number of cycles	99	Electrical	120V, 60Hz or 220V, 50Hz
Number of programs	9		200W, 6A
		Warranty	2 years

\*Dependent on sample material and grinding configuration

## Ordering Information

IPD9600\* BeadBlaster 96 Ball Mill Homogenizer for plates, tubes and jars  
All accessories ordered separately. See below.

\*120V. For 220V, add-E to catalog number

### Accessories

#### Microplates

IPD9600-96	Adapter for 96 well plates, set of 2, required for processing microplates
IPD1196-40	96 well plate, 2ml, prefilled w/4mm balls, with sealing mat, 10/pk
IPD1196-MP	96 well plate, 2ml, square well, 10/pk
IPD1196-CM	EVA cap mat for above plate, 10/pk
IPD9600-BD28	96 well ball dropper for 2.8mm balls
IPD9600-BD4	96 well ball dropper for 4mm balls
IPD9600-BD5	96 well ball dropper for 5mm balls
D1133-28	2.8mm stainless steel balls, 1000/pk

#### Microtubes

IPD9600-1520	Adapter for 24x2ml tubes, PTFE, set of 2, requires use of IPD9600-96
IPD9600-96A2	Rack for 20x2ml tubes, set of 2, requires use of IPD9600-96
IPD9600-96	Adapter for microplates and tubes holders, set of 2
D1032-SK	Starter kit of TriplePure™ Prefilled Bead Tubes, 10 tubes each, prefilled with 0.1, 0.5, 1.0, 1.5 and 3.0mm diameter beads, certified nuclease and protease free

#### 50ml Tubes

IPD9600-50T	Adapter for 4x50ml tubes, set of 2
IPD9600-3858-1	Ceramic homogenizers w/angled ends, 3/8" x 5/8", pk of 100
IPD9600-3878-1	Ceramic homogenizers w/angled ends, 3/8" x 7/8", pk of 100

#### Grinding Jars and Balls

IPD9600-25S	Stainless steel jar, 25ml, set of 2
IPD9600-10BS	Stainless steel grinding ball, 10mm, 500g
IPD9600-50S	Stainless steel jar, 50ml, set of 2
IPD9600-25BS	Stainless steel grinding ball, 25mm, each
IPD9600-CK	Cryo Kit, includes bucket, gloves, goggles and tongs, for use with liquid nitrogen

Additional homogenization/grinding matrices available in prefilled tubes or in bulk. Visit our website for details.

Don't see an adapter for your tubes? Contact us for custom racks and adapters.



In addition to the high throughput BeadBlaster 96, Benchmark offers a family of bead homogenizers to meet all your sample needs:

- BeadBlaster 24R - Compressor based refrigeration and 24x2ml or 12x5ml tube capacity
- BeadBlaster 24 - 24x2ml or 12x5ml tubes
- BeadBug 6 - 6x2ml tubes or 2x5ml tubes
- BeadBug 3 - personal sized, 3x2ml tubes