

BeadBug™

Homogenizer

Features

- Extremely powerful mixing for lysis, grinding or homogenization
- Faster and more effective than tissue grinders
- Mix 1, 2 or 3 tubes simultaneously
- Extremely compact, less than 7 inches wide
- Eliminates contamination associated with hand held homogenizers



Overview

The BeadBug™ is a high energy bench top homogenizer that sets the performance standard for personal sized cell disruption and lysis instruments. Simultaneous homogenization of up to 3 samples takes place (often within 45 seconds) inside the disposable 2 mL screw cap microtubes. The optimized mixing motion causes rapid cell disruption through constant high velocity impact from the hardened micro-beads chosen specifically for your sample type. Developed for samples too tough to be homogenized in a common lab vortexer, the BeadBug™ provides a convenient and economical alternative to the traditional, over-priced homogenizers on the market today. With up to three tube capacity and a foot print of just 7 x 8 in, the BeadBug™ is the ideal homogenizing instrument for low to medium throughput laboratories.

Technical Data

Speed Range	2700 to 4000 rpm
Capacity	3 x 2.0mL (Screw Cap / Non-Skirted)
Timer	3 sec to 3 min
Dimensions (w x d x h)	6.9 x 8.3 x 5.3in 17 x 21 x 13.5cm
Weight	5lbs / 2.2kg
Warranty	2 Years

Ordering Info

Item	Description
PL.D1030-E	BeadBug™ Microtube Homogenizer, 115V
Prefilled Tube Kits, Pack of 50 (non-skirted with caps)	
PL.D1031-01	Standard Glass Beads, Ø: 0.1mm
PL.D1031-05	Standard Glass Beads, Ø: 0.5mm
PL.D1031-10	Standard Glass Beads, Ø:1.0mm
PL.D1032-01	<i>Triple-Pure</i> High Impact Zirconium Beads, Ø: 0.1mm
PL.D1032-05	<i>Triple-Pure</i> High Impact Zirconium Beads, Ø: 0.5mm
PL.D1032-10	<i>Triple-Pure</i> High Impact Zirconium Beads, Ø: 1.0mm
PL.D1032-15	<i>Triple-Pure</i> High Impact Zirconium Beads, Ø: 1.5mm
PL.D1032-30	<i>Triple-Pure</i> High Impact Zirconium Beads, Ø: 3.0mm
PL.D1032-SK	<i>Triple-Pure</i> High Impact Zirconium Beads, Starter Kit, 10 each of Ø: 0.1, 0.5, 1.0, 1.5 and 3.0mm
PL.D1033-28	Stainless Steel (Acid-Washed) beads, Ø:2.8mm



BeadBug™ Tubes held in position



BeadBug™ Tube Series