



Video
Demonstration



BEADBUG MICROTUBE HOMOGENIZERS

- + Extremely powerful mixing action for lysis, grinding or homogenization
- + Eliminates the cross contamination associated with hand-held homogenizers
- + Faster & more effective than tissue grinders
- + Processes multiple tubes simultaneously

The BeadBugs™ are high energy benchtop homogenizers that set the performance standard for personal sized cell disruption and lysis instruments. Simultaneous homogenization of up to 6 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 BeadBugs provide a convenient and economical alternative to larger and more expensive homogenizers on the market today. With compact footprints (as small as 17 x 21 cm, in the 3 position model), the Beadbugs are the ideal homogenizing instruments for low to medium throughput laboratories.



BeadBug 3,
accepts 3 x 2.0 ml



BeadBug 6,
accepts 6 x 2.0 ml

Ordering Information:

Item No.	Description:
55D1030-E	BeadBug™ 3, Three Position Microtube Homogenizer
55D1036-E	BeadBug™ 6, Six Position Microtube Homogenizer
55D1036-A5	Optional tube holder 2 x 5ml screw cap tubes (for 55D1036-E only)
Prefilled Tube Kits:	Include 2.0ml non-skirted screw cap tubes with caps, sealing rings and beads as specified below:
55D1031-01	Standard glass beads, Ø 0.1 mm, 50pk.
55D1031-05	Standard glass beads, Ø 0.5 mm, 50pk.
55D1031-10	Standard glass beads, Ø 1.0 mm, 50pk.
55D1032-01	Triple-Pure™, high impact zirconium beads, Ø 0.1 mm, 50 pk.
55D1032-05	Triple-Pure™, high impact zirconium beads, Ø 0.5 mm, 50 pk.
55D1032-10	Triple-Pure™, high impact zirconium beads, Ø 1.0 mm, 50 pk.
55D1032-15	Triple-Pure™, high impact zirconium beads, Ø 1.5 mm, 50 pk.
55D1032-30	Triple-Pure™, high impact zirconium beads, Ø 3.0 mm, 50 pk.
55D1032-60	One ceria zirconium oxide satellite, Ø 6.0 mm, 50 pk.
55D1032-SK	Starter Kit, 10 ea. of Ø 0.1, 0.5, 1.0, 1.5 & 3.0 Triple-Pure™ zirconium
55D1033-28	Stainless steel beads, Ø 2.8 mm, 50 pk.
55D1031-T20	Empty tubes (2.0 ml) pack of 1000
55D1031-RF	Reinforced empty tubes (2.0 ml) pack of 500
55D1033-30G	Garnet shards with 1 zirconium bead Ø 6.0 mm, 50 pk.
55D1034-MX	Mixed format, 0.1 mm silica, 1.4 mm zirconium, 4 mm silica, 50 pk

Additional bead types are also available (in both bulk and prefilled kits). Please contact us for a complete listing.



Benchmark offers a wide range of homogenization beads (including glass, zirconium, stainless steel, etc.)

Technical Data:

Speed Range:	2,800 to 4,000 rpm (55D1030-E) 2,500 to 4,350 rpm (55D1036-E)
Max. Capacity:	3 x 2.0 ml (non-skirted) 6 x 2.0 ml (skirted or non-skirted) or 2 x 5 ml
Timer:	3 sec. to 3 min. (55D1030-E) 1 sec. to 90 sec. with up to 10 cycles (55D1036-E)
Operating Temp.	+4° C to +45° C (ambient temp.)
Dimensions: (W x D x H)	17 x 21 x 13.5 cm (55D1030-E) 22 x 35.5 x 20.5 cm (55D1036-E)
Weight:	2.2 kg / 9 kg
Electrical:	230V, 50-60Hz, 50W (55D1030-E) 100 to 240V, 50-60Hz, 145W (55D1036-E)
Warranty:	2 Years