





Benchmark 

BEADBUG™ 6

MICROTUBE HOMOGENIZER

-  ***Fast, efficient bead homogenization***
-  ***Process up to six samples simultaneously***
-  ***Sealed tubes - no cross contamination***
-  ***Full range bead materials and sizes available to process a wide variety of sample types***



BEADBUG™ 6

MICROTUBE HOMOGENIZER

The *BeadBug*™ 6 joins the large capacity *BeadBlaster*™ 24 and personal sized *BeadBug*™ as the newest member of the Benchmark homogenizer line.

Like the other members of the Benchmark Microtube Homogenizer family, the *BeadBug* 6 utilizes a three dimensional shaking motion to disrupt samples. This motion, when combined with beads of the appropriate size and material, causes high velocity impacts with the sample and is an extremely fast and efficient method for releasing cellular contents, including nucleic acids and proteins.

Many different sample types, from cells in culture to organ tissues and bone can be homogenized in the *BeadBug* 6, most within 45 seconds. Programming the unit is very simple - just set the speed, time, number of cycles and pause between cycles, then press start. For convenience, the last programmed parameters remain in memory for repeated runs.

Sealed tubes prevent cross contamination in the *BeadBug* 6. Samples are simply loaded into the tubes along with the beads and placed in the unit for processing. After homogenization, tubes are spun briefly in a centrifuge, and the lysate removed with a pipette.

Designed to fit the needs of medium throughput laboratories, the *BeadBug* 6 can simultaneously process up to six samples in 2.0ml tubes. With optional adapters, the unit will also accept two 5.0ml tubes. A full range of bead materials and sizes are available in both prefilled tubes and in bulk to meet all your sample processing needs.



Technical Data

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|---------------------------|------------------------------------|
| Capacity | 6 x 2.0ml or 2 x 5.0ml* |
| Speed | 4.00 to 7.00m/s in 0.05 increments |
| Cycle time | 0-90 seconds in 1 sec increments |
| Pause between cycles | 0-90 seconds in 1 sec increments |
| Number of cycles | 1-10 |
| Acceleration/Deceleration | ≤2 seconds |
| Noise level | <65db |
| Ambient operating temp. | +4° to 45°C |
| Dimensions (WxDxH) | 22x35.5x20.5cm/8.6x14x8 in |
| Weight | 9kg/20 lbs |
| Electrical | 100-240V, 50-60 Hz |
| Warranty | 2 years |

*Requires 5ml adapters, sold separately

Ordering Information

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|----------|---------------------------------------------|
| D1036* | <i>BeadBug</i> 6 Microtube Homogenizer |
| D1036-A5 | 5ml adapters for <i>BeadBug</i> 6, set of 2 |

Tube Kits, prefilled with screw cap, 50 tubes/pack

| | |
|----------|-------------------------------------|
| D1032-01 | Triple-Pure Zirconium, Ø 0.1mm, 2ml |
| D1032-05 | Triple-Pure Zirconium, Ø 0.5mm, 2ml |
| D1032-10 | Triple-Pure Zirconium, Ø 1.0mm, 2ml |
| D1032-15 | Triple-Pure Zirconium, Ø 1.5mm, 2ml |
| D1032-30 | Triple-Pure Zirconium, Ø 3.0mm, 2ml |
| D1033-28 | Stainless steel, Ø 2.8mm, 2ml |
| D1032-60 | Ceria based Zirconium, Ø 6.0mm, 2ml |
| D1034-MX | Mixed format for soil, 2ml |
| D1034-28 | Stainless Steel, Ø 2.8mm, 5ml** |

Empty tubes

| | |
|-----------|---------------------------------|
| D1031-T20 | 2.0ml tubes, pk of 1000 |
| D1031-RF | 2.0ml tubes, pk 100, reinforced |
| C1005-SC5 | 5.0ml tubes, pk 500 |

Other bead types and bulk beads available. Call for details.

*115V with US plug. For EU plug, please add -E to cat no.

** Requires the use of 5ml adapters, sold separately



Other members of the Benchmark Bead Homogenizer family:

D2400 BeadBlaster 24, 24 x 2.0ml capacity

D1030 BeadBug, 3 x 2.0ml capacity

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