

BeadBlaster™ 24

Microtube Homogenizer



24 Tube Capacity

Product Code: 032-D2400
*also available in refrigerated

Specifications

Speed Range	4.0-7.0 m/s (in 0.05 m/s increments)
Capacity	24 x 2.0ml
Cycle Time	1 to 90 sec. (up to 90 sec.)
Pause between cycles	0 to 2 min. (1 sec. increments)
Max. cycles per program	10
Program Memory	up to 50
Accel./Decel Time	<2 sec. / <2 sec.
Noise Level	<68db
Dimensions	28 x 36 x 38.5cm
Weight	25kg
Warranty	2 years
Electrical	100 to 240V

- › Fast, efficient homogenization in about 35 seconds
- › For all sample types, from soft tissue to bone
- › Mix up to 24 tubes simultaneously
- › Sealed 2.0ml tubes – eliminates cross contamination
- › Full range of beads in prefilled tubes and bulk available

The BeadBlaster™ 24 completely lyses, grinds and homogenizes a broad variety of biological samples. Even the most difficult and resistant samples are fully homogenized, often in 35 seconds or less.

The stainless-steel tube carrier subjects up to 24 samples to an optimized, high speed, 3D motion, producing high energy impacts between the samples and micro-beads to release cellular contents. After homogenization, samples can be centrifuged and the supernatant collected for further processing.

Operating parameters for the BeadBlaster 24 are set and displayed digitally. To protect fragile, heat sensitive samples, the unit can be programmed to operate in shortened consecutive cycles with a rest period in between. Up to 50 such programs can be stored in memory and recalled for future use. A transparent lid allows for visualization of samples, and features a mechanical lid lock that prevents opening the lid when the BeadBlaster is in operation. A brushless motor reduces motor noise and provides maintenance free operation.

Homogenizer Beads & Tubes

Benchmark offers an assortment of pre-filled tube kits for processing a variety of sample types. The popular Triple-Pure™ kits include acid washed, heat treated, zirconium beads. The beads are tested to be free of nucleases, making them ideal for molecular biology applications. A convenient starter kit (032-D1032-SK) is available to accommodate a broad range of sample types and optimize applications.

