

BeadBlaster™ 24R

Refrigerated Microtube Homogenizer



Product Code: 032-D2400-R
 *also available in non-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	<4 sec. / <4 sec.
Cooling Method	Compressor
Temperature Range	-10°C to ambient
Precool to 0°C	<30 minutes
Noise Level	<68db
Dimensions	35 x 51 x 41cm
Weight	40kg
Warranty	2 years
Electrical	120 to 240V
Power	1000W

- › High capacity – 24x2ml
- › Cooling function to protect temperature sensitive samples
- › True refrigeration – no dry ice, liquid nitrogen or external connections
- › Sealed 2.0ml tubes – eliminates cross contamination
- › Full range of beads in pre-filled tubes and bulk available

The BeadBlaster™ 24R is a highly efficient bead homogenizer with built in refrigeration to protect temperature sensitive molecules from heat degradation and denaturation.

Unlike most bead homogenizers, the BeadBlaster 24R has true, compressor-based refrigeration – no dry ice, no liquid nitrogen and no air supply needed. Simply set the desired temperature and precool the chamber. Temperature will be maintained throughout the homogenization process to keep samples cool.

The BeadBlaster 24R retains many of the features of our popular BeadBlaster 24. 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. Operating parameters are set and displayed digitally, while 50 profiles can be stored in memory and recalled for future use. A brushless motor reduces motor noise and provides maintenance free operation.

Pre-filled Tube Kits(2.0ml unless otherwise noted)

032-D1031-01	Standard glass beads, 0.1mm, 50 pack
032-D1031-05	Standard glass beads, 0.5mm, 50 pack
032-D1031-10	Standard glass beads, 1.0mm, 50 pack
032-D1032-01	Triple-Pure, High impact zirconium beads, 0.1mm, 50 pack
032-D1032-05	Triple-Pure, High impact zirconium beads, 0.5mm, 50 pack
032-D1032-10	Triple-Pure, High impact zirconium beads, 1.0mm, 50 pack
032-D1032-15	Triple-Pure, High impact zirconium beads, 1.5mm, 50 pack
032-D1032-30	Triple-Pure, High impact zirconium beads, 3.0mm, 50 pack
032-D1032-SK	Starter Kit, 10 each of 0.1,.05,1.0,1.5 & 3.0mm Triple-Pure Zirconium



Standard Glass beads (Acid Washed)



Triple-Pure™ (Molecular Biology Grade) Zirconium Beads

