

BEAD HOMOGENIZER

Fast, contained bead beating for up to three 2 mL tubes, with pulse mode and a magnetic lid lock for safer, more consistent runs.

MAGNETIC LID LOCK

The rotor stops automatically if the lid is opened mid-run.

THREE-TUBE ROTOR

Holds one to three 2 mL screw-cap tubes per run.

**LARGE DIGITAL DISPLAY**

Speed, run time and pulse interval, set at a glance.

PULSE MODE

On/off cycling from 3 to 99 s lets samples cool between bursts.

COLD ROOM READY

Rated for operation from 4 to 65°C.

PRECISE RUN CONTROL

Run times from 3 to 180 s, set in 1-second steps.

STEADY UNDER LOAD

A servo DC motor holds speed as samples break down.

VARIABLE SPEED

Set anywhere from 2,800 to 4,000 rpm to suit the sample.

BEAD FLEXIBILITY

Glass, zirconia or stainless steel beads.

2,800–4,000 rpm

SPEED

3 × 2 mL

CAPACITY

3–180 s

RUN TIME

24 W

POWER

FAST, CONTAINED BEAD BEATING

The BH-3 delivers fast, high-energy bead beating for up to three 2 mL screw-cap tubes at once. Hardened beads inside each sealed tube break down bacterial and yeast cells, plant tissue and animal tissue for DNA, RNA and protein extraction.

Every sample stays inside its own closed tube, and a microprocessor-controlled servo DC motor holds speed steady under load. Pulse mode cycles the rotor on and off so heat-sensitive targets get time to cool between bursts.

MATCHED TO THE SAMPLE

Choose glass, zirconia or stainless steel beads for anything from bacteria and yeast to tough plant and animal tissue.

APPLICATIONS

DNA and RNA extraction, protein extraction, bacterial and yeast cell lysis, plant and animal tissue homogenization, molecular diagnostics.

SPECIFICATIONS

Capacity	3 × 2 mL screw-cap tubes
Speed range	2,800–4,000 rpm
Run time	3–180 s, in 1 s steps
Pulse on/off interval	3–99 s
Lid safety	Magnetic lid lock
Motor	Servo DC, microprocessor controlled
Display	Large digital display
Operating temperature	4–65°C
Power	24 W
Voltage	120V, 60Hz
Dimensions (W × D × H)	9.3 × 6.2 × 5.5 in
Weight	6.2 lb

ORDERING INFORMATION

Catalog no.	Description
BH-3	Novara™ BH-3 Bead Homogenizer, 3 × 2 mL, with pulse mode and magnetic lid lock



HOW TO USE

- 1 LOAD**
Load one to three sealed 2 mL tubes with sample and beads into the rotor, then close the lid.
- 2 SET SPEED AND TIME**
Use the +/- buttons and the Speed/Time toggle to set rpm and run duration.
- 3 RUN OR PULSE**
Press Start/Stop for a continuous run, or Pulse to cycle the rotor on and off.