

*Disrupt, homogenize,  
dissociate or lyse cells,  
tissues and plant matter*



## Bullet Blender® Homogenizer

Aim for Higher Efficiency, Superior Results  
and Greater Value

### KEY BENEFITS

#### ► HIGH YIELDS

The patented technology enables thorough, consistent homogenization while preventing samples from heating up significantly, thereby preserving sample quality.

#### ► HIGH THROUGHPUT

Runs up to 24 samples in parallel, so your work is done in a faster, easier manner. No probes to clean between samples so there is no cross contamination.

#### ► BEST VALUE

More affordable due a simple, reliable design. Standard tube compatibility keeps operating costs low. Comes with a 30 day money-back guarantee and a 2 year warranty.

If you need to disrupt, homogenize, dissociate or lyse cells or tissue samples, arm your laboratory with the Bullet Blender Homogenizer. No other homogenizer comes close to delivering the Bullet Blender's winning combination of top quality performance and budget friendly affordability.

#### Homogenize Soft to Tough Samples

Use the Bullet Blender to homogenize a variety of samples, such as organ tissue (including tough tissue and small bones), cell cultures, plant material and small organisms.

#### Use for a Wide Range of Applications

The Bullet Blender is ideal for extraction of proteins, nucleic acids, viruses, small molecules and viable bacteria. By tuning the speed and selecting the appropriate material and size of the beads, many types of single cells and tougher organelles can be isolated.

#### Rely on Unparalleled Technical Support

Like all of our products, the Bullet Blender comes with PhD-level technical support. 100+ optimized protocols for many tissues and cell cultures are freely available online so you can spend less time troubleshooting and more time getting results.

**“It [the Bullet Blender] has proven to have the ability to homogenize tissue much better than anything we have used in the past. As a result, the reproducibility of our experiments has increased dramatically.”**

WES EDMONDS, UNIVERSITY OF ALABAMA AT BIRMINGHAM

## FEATURES

- **CAPACITY:** Process up to 24 samples in 1.5 or 2.0 ml tubes, up to 12 samples in 5 ml tubes, or up to 8 samples in 50 ml tubes.
- **TUBES:** Uses commonly available tubes.
- **ENVIRONMENT:** Operational in constant 4°C to 50°C. Use in refrigerator/cold room or an incubator.
- **AIR COOLING™:** This option keeps samples near ambient temperatures.
- **SPEED CONTROL:** Adjustable to handle gentle vortexing to homogenization of bones.
- **SIZE:** Most models have a small footprint: 9in. (22 cm) wide by 10 in. (25 cm) deep. Our largest model is 13 in. (33 cm) wide by 14 in. (35 cm) deep.
- **MADE IN THE USA**

## Arm Your Lab with the Bullet Blender® Homogenizer

The versatile Bullet Blender is ideal for a wide range of laboratory tasks, including disrupting, homogenizing, dissociating or lysing cells, tissues and plant matter. Thousands of researchers rely on this high quality instrument to achieve consistent results while saving time, effort and money.

### Popular Bullet Blender Models

Models	Sample Capacity	Tube Size	Sample Size
Bullet Blender STORM	Up to 24	1.5 - 2.0 ml screw-cap and snap-cap tubes	0.01g - 0.3g
Bullet Blender Blue 5	Up to 12	5 ml screw cap tubes	0.10g - 1.0g
Bullet Blender 50 DX	Up to 8	50 ml tubes	0.10g - 3.0g

For information on all of our Bullet Blender models, go to [www.nextadvance.com](http://www.nextadvance.com)

### Easy Operation

Simply add samples, beads and buffer to tubes and place in the Bullet Blender. Select run time and speed, close the lid and press “start.” There are no clamp plates or locking rings to fiddle with.

### High-Efficiency Technology

Patented striking technology results in vigorous agitation of the samples and collisions between the samples and beads inside the tubes. With air blowing past the tubes, sample heating is kept to a minimum.

### Variety of Beads

We stock a variety of beads, including RNase free, covering a wide array of applications and samples, packaged in bulk or pre-loaded in tubes. Your Bullet Blender comes with a starter pack sampling of beads.

