

The Bullet Blender® Homogenizer

Top-Quality Performance, Budget-Friendly Affordability



Key Benefits

- > **Consistent:** Run up to 24 samples at the same time under microprocessor-controlled conditions, ensuring experimental reproducibility.
- > **High Yields:** Delivers high yields from samples of 10 mg or less up to 3.5 g.
- > **High Throughput:** Multiple sample homogenizing occurs in parallel, so your work is done in a faster, more consistent manner.
- > **Very Little Heating:** Homogenizing causes only a few degrees of heating. Our "Blue" model comes with an integrated system to maintain ambient temperatures.
- > **Fast and Easy:** Fully homogenize most samples in only a few minutes. User-friendly, one touch operation.
- > **No Cross Contamination:** No probes, no open tubes during processing.
- > **Best Value:** Sells for one half to one fourth the price of other agitation-based instruments due to its simple, reliable design.

"We have used the Bullet Blender several times now, and I have to admit that the efficiency is much higher than we had expected ... it has proven to have the ability to homogenize the tissue much better than anything we have used in the past. As a result, the reproducibility of our experiments has increased drastically."

-Wes Edmonds., University of Alabama at Birmingham

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Key Features

- > **Capacity:** **BBX24B** processes up to 24 samples in 1.5 or 2.0mL tubes. **BBX5MB** processes up to 12 samples in 5mL tubes. **BB50-DX** processes up to 8 samples in 50mL tubes.
- > **Size:** Small footprint. 9 in. (22 cm) wide by 10 in. (25 cm) deep. **BB50-DX** model is 13 in. (33 cm) wide by 14 in. (35 cm) deep.
- > **Environment:** Operational in constant 4°C to 50°C: use in a refrigerator or an incubator.
- > **Agitation Control:** Adjustable to handle vortexing, dissociation of tissue, and homogenization of tough tissue, including small bones.

- > **How it works:** Uses patented striking technology to agitate the tubes. "Bullets" in the instrument repeatedly strike tubes at a speed and duration you specify.
- > **Applications:** Homogenize organ tissue (including tough tissue), lyse cells, homogenize plant material, homogenize small organisms, isolate whole cells and isolate organelles.



"We have been getting a lot of use out of our Bullet Blenders, and we still love them! They do a great job homogenizing for us, and save our techs from repetitive motion injuries, and help with time management. We love them!"

-Chantry Clark, ARUP Laboratories

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