

Bullet Blender Tissue Homogenizer

The coolest way to lyse cells, homogenize tissue . . . and more.

- ✓ **Consistent, High Yields**
- ✓ **Samples Stay Cool**
- ✓ **Widest Array of Applications, Easiest to Use**
- ✓ **No Cross Contamination**
- ✓ **Risk Free**

Introducing the
Pro Series Bullet Blender
Homogenizers...

Storm Pro, 5E Pro and Lite with
Easy Touch Technology



The Bullet Blender® enables you to homogenize, disrupt, or lyse up to 24 tissue or cell culture samples at a time. Load the samples into standard polypropylene tubes, then place them in the Bullet Blender homogenizer. The “bullets” in the instrument vigorously strike all of the tubes and homogenize your sample in minutes. The Bullet Blender Gold models keep samples at 4°C!

Why choose the Bullet Blender Tissue Homogenizer?

Consistent and High Yield Results

The Bullet Blender tissue homogenizer prepares up to 24 samples in just minutes, using patented striking technology to oscillate samples at over 100 Hz (equivalent to over 6000 cycles/minute). All of the samples are automatically homogenized in the same manner, with high yields, so there is very little variation from sample to sample. See the

Samples Stay COOL

No cool down periods needed. Unlike other bead mill homogenizers, the Bullet Blender applies rapid bursts of agitation with the samples free to oscillate in air. Its elegant design provides convection cooling of the samples, unique to the Bullet Blender. Competing bead mill homogenizers generate excessive sample heating, so they require cool down periods between periods of agitation, thereby greatly extending homogenization cycles and hankering with sample degradation. In comparison, the Bullet Blender's unique and elegant design maximizes the efficiency of the agitation, in turn keeping the samples cooler.

So Many Uses, So Easy To Use

In addition to homogenizing tissue, plant matter, small organisms and microorganisms, the Bullet Blender tissue homogenizer can also isolate live bacteria from organs, generate nanoparticles, and isolate organelles from cells.

It's so easy to use. Simply place your sample, beads and buffer in standard tubes,

and load the tubes into the Bullet Blender tissue homogenizer. Tune the extent of disruption by adjusting the run time and speed. Afterwards, place the sample tubes in a centrifuge to separate the lysate. No special holders are needed. There are no clamp plates nor locking rings to fiddle with.

No Cross-Contamination or Sample Loss

There are no probes or blades that directly contact samples in the Bullet Blender tissue homogenizer to cause cross contamination or sample loss. The sample tubes are kept closed and self-contained during homogenization. For the user, this also means there are no parts to clean between runs.

Risk Free Purchase

All Bullet Blender tissue homogenizers come with a 30 day money back guarantee and a 2 year warranty (an extended, 4 year warranty is also available). The simple, reliable design enables the Bullet Blender to sell for half the price of other agitation based instruments, while providing an easier, quicker, and cooler homogenization. Our Bullet Blender homogenizers last for many years. In fact, early units from 2006 remain in use today!