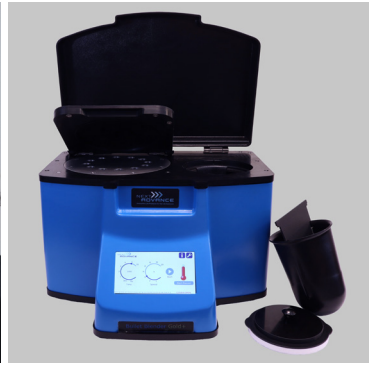
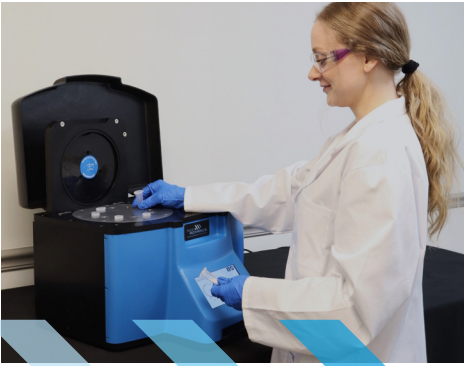


Disrupt, homogenize, or lyse cells, animal tissues and plant matter



Bullet Blender Homogenizer

High Throughput, Superior Results, Greater Value

KEY BENEFITS

> SUPERIOR RESULTS

Patented technology enables thorough and consistent homogenization while preventing temperature increase in samples, thereby preserving the quality and yield of the end products.

> NO CROSS CONTAMINATION

No probes to clean between samples, so there is no cross contamination of samples.

> BEST VALUE

More affordable due to a simple, reliable design. Comes with a 30-day money-back guarantee and a 2-year warranty.

Need to disrupt, homogenize, dissociate or lyse cells and tissue samples? Introducing the Bullet Blender®, a powerhouse of innovation in sample preparation. No other homogenizer comes close to its winning combination of top-quality performance, superior results and affordability.

The Gold Advantage: Maintain Samples at 4°C

The Bullet Blender Gold+ combines dry ice and liquid nitrogen cooling to maintain samples near 4°C, safeguarding delicate biomolecules. With sound insulation to reduce operational noise and extra power to tackle the toughest samples, the Bullet Blender Gold+ ensures efficient and quiet processing.

High Throughput, High Yields

The Bullet Blender tissue homogenizer prepares up to 24 samples in just minutes. Thanks to innovative cooling technology, enjoy uninterrupted operation even during extended runs, ensuring consistent performance without the hassle of intermittent cooling pauses.

Wide Range of Applications

The Bullet Blender is designed to tackle even the toughest materials with ease. From dense mouse bones and tough eye balls to dry grains and fungus samples, no challenge is too great. But its versatility doesn't stop there – it is gentle enough to isolate single live cells and bacteria from whole organs, and for nanoparticle synthesis.

Did you know? The Bullet Blender is referenced in 4000+ peer-reviewed publications.

Applications for the Bullet Blender

Cell Lysis

DNA/RNA Virus Protein

Whole Cell Isolation

Bacteria Virus Particles

Preparation of Emulsion and Nanoparticles

Nanocarrier with Paclitaxel Olive oil and Nanocellulose emulsion

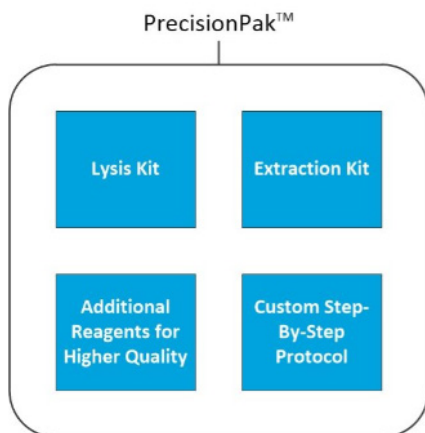
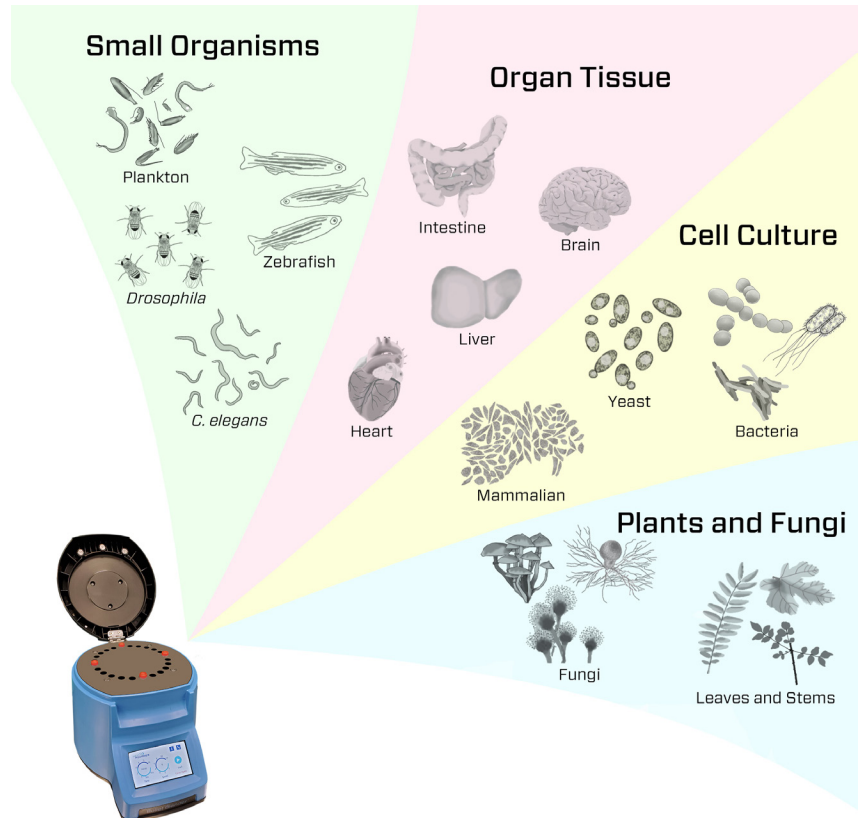
Organelles Chemicals Single Cell Suspension

FEATURES

- **CAPACITY:** Process up to 24 samples in 1.5 mL tubes, 12 samples in 1.5 or 2 or 5 mL tubes, or 8 samples in 50 mL tubes.
- **VERSATILE:** Small foot print. Use in a refrigerator/cold room or an incubator, if desired.
- **HIGH-EFFICIENCY TECHNOLOGY:** Patented technology results in vigorous agitation in multiple directions, for thorough homogenization of even the toughest samples.
- **SPEED CONTROL:** Adjustable to handle everything from gentle vortexing to homogenization of bones.
- **INNOVATIVE DESIGN:** Tubes are not confined and shaken merely in a single axis. They oscillate rapidly in the air, combining sample homogenization and strong convective cooling which minimizes sample heating.
- **MADE IN THE USA**

Homogenize a Spectrum of Samples

The Bullet Blender is engineered to handle a diverse array of samples, from delicate organ tissues and cell cultures to robust plant tissues and small organisms. It delivers consistent and reliable results every time. Whether you're working with challenging materials like mouse femur, tumors, or skin samples, or specimens such as yeast, fungi, or algae, the Bullet Blender's robust design and precise homogenization capabilities ensure optimal outcomes for your research or industrial applications.



All-inclusive Lysis and Extraction Kits

Use the PrecisionPak™ with your Bullet Blender for seamless, easy, sample processing. The PrecisionPak is a complete bundle for lysis, extraction and sample cleanup. Each kit includes a step-by-step custom protocol designed to meet your specific needs. We offer a wide array of PrecisionPaks, each one tailored for your sample and analyte. Whether you are extracting RNA from mouse brain or DNA from Drosophila, the PrecisionPak enables isolation of high quality and high yields of biomolecules.

Wide Selection of Bead Lysis Kits

Bead lysis kits are pre-filled with bead combinations optimized to homogenize your specific tissue samples. The pre-loaded tubes are certified DNase and RNase-Free and can be custom-designed. Call us for details. Specialty beads are available for resilient samples.

FOR MORE INFORMATION, CONTACT

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