



LabRAM

Mixer

The LabRAM bench top mixer utilizes ResonantAcoustic® technology that applies low-frequency, high-intensity acoustic energy to create a uniform shear field throughout the entire mixing vessel. The result is rapid fluidization and dispersion of material.

ResonantAcoustic® Mixing (RAM) is a non-invasive mixing technology; no impellers or wands are used.

The LabRAM Vacuum Mixer is an indispensable mixer for any laboratory and offers:

High quality mixes:

- Complete and thorough
- Consistent from batch-to-batch

Quick turn around:

- Rapid mix times
- No impellers to clean
- No mix vessel to clean
- Mixing vessel is replaced in seconds

Versatility:

- Mix gases, liquids, solids, powders, pellets
- Mix very viscous liquids or pastes
- Mix in a variety of vessels including glass vials, disposable containers, tubes or custom metal vessels

Safe mixing for sensitive and hazardous materials:

- Mix in sealed vessels
- Mix in disposable vessels
- No localized areas of high shear — reduced heat generation



Specifications

Features:

- Mix capacity: up to 500 grams
- RAMWARE™ Software for data collection and programmable mixing protocols
- 100 G acceleration (981 m/sec²)
- Digital acceleration and frequency readout
- Digital timer

Size:

- Mixer: 130 lbs (59kg), 16 inch (41 cm) diameter
- Power supply and controls: 40 lbs (18kg)
- Bench top mounting
- 110 VAC, 50/60 Hz



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