



# LabRAM

## Vacuum Mixer

The LabRAM Vacuum 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:

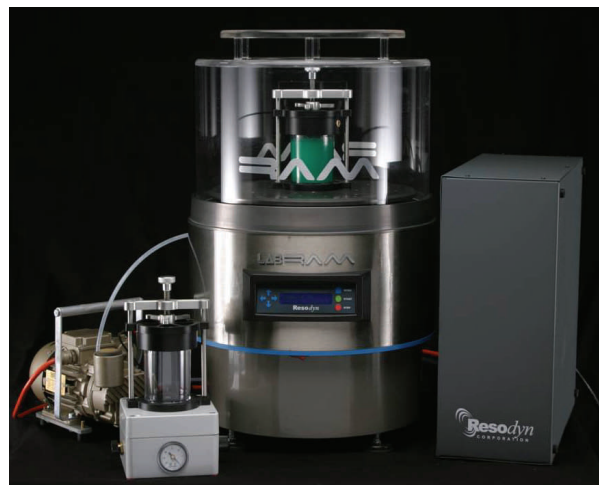
- Rapid mix times
- No impellers to clean
- No mix vessel to clean
- Mixing vessel is replaced in seconds

### 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
- Vacuum equipped



## Specifications

### Features:

- Mix capacity: up to 500 grams
- Vacuum equipped—650 mm Hg max
- RAMWare Software for data collection and programmable mixing protocols
- 100 G acceleration (981 m/sec<sup>2</sup>)
- 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



130 North Main Street  
Suite 630  
Butte, MT USA 59701  
Voice (406) 497-5333  
FAX (406) 497-5206  
info@resodynmixers.com  
www.resodynmixers.com