



RAM5

Mixer

The RAM5 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. Constraints and limitations of other mixing processes do not exist with RAM. RAM mixing scales easily from laboratory to production.

RAM Offers:

High Quality Mixes

- Complete, thorough, consistent mixing

Versatility:

- Mix gases, liquids, solids, powders, pellets
- Mix pastes of 100 million cP or higher
- Flexibility in vessel size and design

Faster batch cycles:

- Rapid mix times
- No impellers or vessels to clean

Reduced process waste:

- Reduced clean up waste
- Reduced contamination

Safe mixing for sensitive and hazardous materials:

- Mix in sealed vessels



Specifications:

Standard Features:

- 100 G acceleration (981 m/sec²)
- Mix capacity up to 80 lbs (36 kg), 5 gal (19L)
- Chrome plated steel vessel 11"H x 12"D
- Hoist
- Digital controls, real time monitoring

Size:

- 5ft x 6.5ft x 7ft
- Floor mounted
- 460 VAC, 50/60 Hz, 3 phase



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