

New Technology! Mix without Impellers!

www.resodynmixers.com

Resodyn Acoustic Mixers, Inc.

Advanced Materials

Cosmetics

Pharmaceuticals

Resins

Electronic Materials

Composites

Adhesives

Pastes

Nano materials

Polymers

ResonantAcoustic® Mixing – RAM

RAM uses high-intensity acoustic energy

RAM mixes without impellers

RAM mixing is complete and thorough

RAM offers flexibility in vessel size/design

RAM available for laboratory or production



RAM5
Five Gallon Mixer



Industrial Scale Demonstration Mixer
available for mixing trials

- Reduce waste and cleanup
- Reduce cycle time
- Eliminate process steps
- Enables new product innovations
- Mix gases, liquids, solids, powders
- Mix very viscous compounds
- Mix nanomaterials

Watch
Videos
Online

www.resodynmixers.com

What is ResonantAcoustic® Mixing ?



LabRAM
Bench Top Mixer

Resodyn Acoustic Mixers, Inc. has developed and commercialized a new and innovative technology that substitutes low-frequency, high-intensity acoustic energy for traditional mechanical mixing impellers.

Trade marked **ResonantAcoustic® Mixing (RAM)**, the technology applies a consistent shear field throughout the entire mixing vessel. High levels of energy are imparted to the vessel contents causing rapid fluidization and dispersion, resulting in very rapid mixing. **RAM** mixers do not use impellers. Compared to traditional high speed mixers, less heat is generated during mixing. The technology allows for considerable flexibility in the size and design of the vessel used for mixing.



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