*Pharma*RAM™ I

change the way you think about compounding formulations

*Pharma*RAM I
Key Features:

- Easy to use Mixing and Time Settings
- Up to 0.67 Pounds/300 Grams Capacity
- Rapid Mixing in <1 to 5 minutes
- Highly Repeatable Results
- Sealed Mixing Vessel
- Single Use Mixing Vessel
- Secondary Containment

Formulation

Compounding

Fulfillment

Innovative Compounding Technology to Increase Daily Revenue

PharmaRAM I introduces significant and efficient benefits of ResonantAcoustic® Mixing (RAM) technology. PharmaRAM I is designed for easier, faster, cleaner, better, and safer mixing.

Produce compounded formulations and medicines at higher quality and lower cost.
- Liquids, Powders, Pastes, Creams, and Ointments
- Exceptional Quality and Minimized Clean-Up
- Higher Productivity with Improved Safety
- Elimination of Cross-Contamination

Exceptional RSD Results*

Since its introduction in 2007, RAM mixers have become the processing technology of choice for many industries across the world, including compounding pharmacies. RAM technology's ability to consistently achieve excellent homogeneity and potency across a wide range of excipients and API combinations exceeds other technologies in productivity and quality as measured by RSD results.

PharmaRAM I reflects ultimate simplicity in design and operation developed alongside users in the compounding and pharmaceutical communities.

PharmaRAM I uses acoustic energy to rapidly fluidize and disperse materials without the use of impellers, blades, or other internal devices.

Integrated Component Design

The fully integrated PharmaRAM™ I is fully self-contained for use in laboratory environments.

* Visit **https://resodynmixers.com/products/pharmaram-1/** For API/Excipient Case Study Information

Reso*dyn*
ACOUSTIC MIXERS

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*Pharma*RAM™ I

change the way you think about compounding formulations

Formulation

Compounding

Fulfillment

*Pharma*RAM I makes compounding and formulation mixing easy, safe, and fast

Easy to Use Operation Screen and Control Key Pad

- Mix Status Indicator
- Low-Medium-High Level Mix Selector
- Start/Stop selector
- Time selector from 0:10 to 5:00

Low   Stopped   0:10

Mix   **Start/Stop**   **Time**

Benefits	Features and Specifications
• Eliminate manual mixing inconsistencies	• Maximum Mixing Payload 0.67 pounds, 300 grams
• Pre-programmed mixing cycles for highly repeatable results	• Low - Medium - High (40, 60, and 80 *g*) mixing Acceleration Settings
• Superior potency through content uniformity	• Computerized, Key-Pad User Interface
• Rapid mixing increases productivity	• System Weight 153 Pounds, 69.4 kg
• Enclosed mixing area enhances safety	• Size (inch/cm): 32" W x 30" D x 32" H
• Automated function reduces repetitive motion	82cm W x 76cm W x 82cm H
• No cross contamination with single use vessel	• 110/220 VAC, 50/60 Hz
• Easy to use, key-pad operation	• CE Certified

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Reso*dyn*
ACOUSTIC MIXERS

Processing Technology of Choice for Drug Development, Compounding, and Manufacturing

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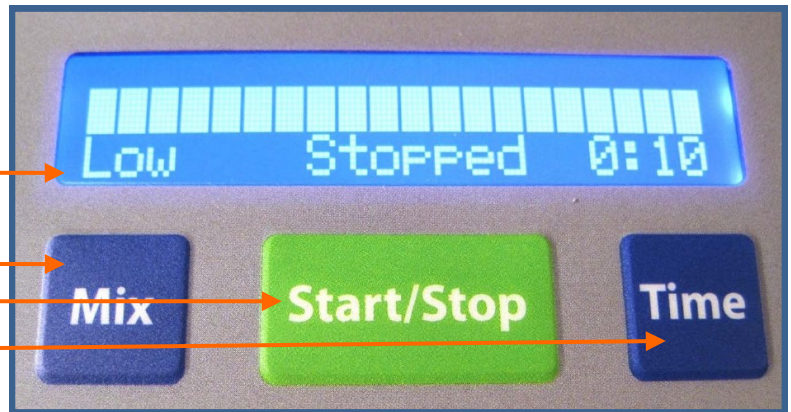info@ResodynMixers.com
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Other products include :
RAM 55 , RAM 5,
OmniRAM Pilot &
Production Mixers

*Pharma*RAM II

*Pharma*RAM I

*Pharma*RAM™ I and
*Pharma*RAM™ II Mixers