

THINKY ARM-310 Engineering Compounds Mixer



Description

The **THINKY ARM-310** engineering compounds mixer provides consistent mixing results with simple operation and no mixing implements to clean. Like the rest of our THINKY mixing machines, the THINKY ARM-310 uses planetary centrifugal motion to quickly and homogeneously disperse engineering compounds such as adhesives, sealants, lubricants, cosmetics, or pharmaceuticals. Mixing takes place in removable containers, meaning that there is no mess to clean up after mixing, thereby saving valuable time and avoiding cross-contamination.

Upgrade your mixing process to one that is automated, works in seconds to minutes, and provides the same mixing results every time, with a fast return on investment compared to manual mixing. Mixing programs can be stored in the mixer's memory for easy operator use.

For compounds which require degassing or vacuuming, please see the [other mixers in our THINKY range](#).



Features & Benefits

- For materials with various densities and viscosities, or dry particle mixing

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- Non-invasive processing ends the risk of cross-contamination between batches
- Processes in seconds to minutes
- Processes in your containers such as jar, barrel, cartridge, syringe or tube
- Processes from 0.5ml – save valuable material wastage
- Re-mixes separated materials to prolong shelf life
- No damage to material unlike the use of rollers, mixing blades or propellers
- No unit cleaning between batches, which eliminates non-productive work
- Cooling unit available for temperature control in high-usage applications

Specifications

THINKY ARM-310 Engineering Compounds Mixer




Specification	
Dimensions	H 390 x W 300 x D* 340mm (*With freight locks: 365mm)
Weight	Approximately 18kg
Maximum mixing volume	300ml container: 250ml / 250g net (310g gross) 150ml container: 120ml / 200g net (300g gross)
Memory	5 stored recipes, each with up to 5 sequential time and RPM steps
Working environment conditions	10 to 35°C, 35-85% relative humidity (non-condensation) Indoor use only Within 2000m altitude
Timer setting range	0 to 30 minutes in 1 second increments
Revolution speed	Maximum 2,000 RPM
Rotation speed	Maximum 800 RPM (1/2.5 of revolution speed)
Noise	During operation (average): 63 dB(A)

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Specification	
Safety features	Door sensor, revolution sensor, vibration sensor
Power supply	Single-phase AC 230V +/- 10, 50Hz
Power consumption	On standby: approximately 50 VA, during operation: maximum 900 VA

Other Information

<div><p>CASE STUDY</p><p>THINKY ARM-310 Engineering Compounds Mixer Industrial non-contact "planetary" mixer</p></div>	<p><u>Production of a Homogeneous Feedstock for LMM 3D Printing Process</u></p> <p>Seeking a way to homogeneously mix feedstock for their Lithography-based metal manufacturing (LMM) process, Pforzheim University chooses a THINKY ARM-310 mixer to effectively mix metal powder into a high viscosity, photosensitive polymer.</p>
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Ordering Information

Part number	Description
THIARM-310	THINKY ARM-310 planetary centrifugal mixer
THIENS-10CE	THINKY mixer cooling system attachment

Let’s start by talking about your application

THINKY ARM-310 Engineering
Compounds Mixer



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orders@intertronics.co.uk

- Name*
- Company*
- Phone*
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- Post code*

If you're in the UK, knowing your postcode would help us get in touch even more quickly. If you're outside the UK, please indicate your country.

- Tell us about your application

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Supplied by:

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