

# THINKY ARE-400Twin Planetary Centrifugal Mixing and Degassing Machine



## Description

The **THINKY ARE-400Twin Mixer** is an industrial non-contact “planetary” centrifugal mixer for all engineering compounds. It mixes, disperses and degasses up to 500ml/800g of material in seconds to minutes, in a sealed or lid-less container such as a jar, beaker, syringe tube or cartridge. The non-contact mixing principle makes it possible to formulate compounds from very small amounts such as 0.5ml to large production scales. It has a built-in mechanism which can vary the ratio of rotation to revolution to aid degassing of high viscosity materials.

The **THINKY ARE-400Twin** has a non-contact sensor unit available as an optional add-on which detects material temperatures in containers in real time during operation. This enables users to set and reproduce programs optimised for materials whose temperature is hard to control.

A USB port installed on the back of the unit provides the option for control and data-logging from a computer.

## Features & Benefits

- Ability to adjust rotation and revolution ratios

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THINKY ARE-400Twin planetary centrifugal mixer inside view

- From low viscosity to semi-solid materials, mixing capability for high viscosity materials such as 4,000 Pa.s grease
- Optional sensor unit detects temperature of materials being mixed in real time
- Programmable to deal with temperature sensitive materials
- Mix, degas and remove bubbles at the same time – saving time
- Improve yield rate – mix in your product container
- Non-invasive
- Dry particle mixing
- No cleaning between batches

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- Improve and provide consistent quality of product with all digital controls
- Multi-step mixing
- Hands-free processing

## Specifications


Specification	
Dimensions (mm)	H560 X W460 X D480
Weight	Approx. 70kg
Safety features	Lid locking sensor Door sensor Speed sensor Vibration sensor
Power requirements	230V $\pm$ 10% 50/60Hz
Maximum mixing capacity	2 x 300ml container: 500ml / 680g (800g gross)

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Specification	
Mixing mode	Revolution speed max: 1600rpm Rotation speed max: 1600rpm Revolution max G: 400G
Program Memory	20 memory slots are available; each slot can control 5 steps

## Other Information

	<p><a href="#">Getting to know THINKY Mixers</a></p> <p>Download a presentation which describes how THINKY Mixers work, and what benefits they can deliver to you.</p>
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## Ordering Information

Part number	Description
THIARE-400T	THINKY Mixer ARE-400Twin Includes 6 x THI300ML 300ml jars

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## Next Steps

Our technical sales team are on hand to discuss your application requirements. [Click here](#) to get in touch.

Find out more information on [how to purchase](#).

Supplied by:

**intertronics**

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