

THINKY ARV-10KTWIN Planetary Centrifugal Mixing and Vacuum Degassing Machine

The logo for THINKY, featuring the word "THINKY" in a bold, stylized, outlined font.

Description

This 20L capacity THINKY vacuum degassing mixer is capable of achieving the performance of THINKY laboratory models such as [THI ARV-310](#), but on a larger scale to support a mass production process. The vacuum pressure reduction system enables elimination of submicron-level air bubbles. This allows for the simultaneous processes of even mixing and deaeration in a short period of time.

When manually degassing using a vacuum, caution must be taken to prevent foaming and messy overflows. In the THINKY, materials don't overflow because they are pressed to the side wall of the container during the mixing process.

Features & Benefits



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THINKY



Simultaneous mixing and deaeration of up to 20L of material

- Submicron-level deaeration
- Pressure reduction and air release time are drastically reduced
- By means of the variable rotation/revolution ratio mechanism, parameter settings in accordance with material properties are achieved
- Supports processing at non-vacuum, enabling processing of materials with volatile components
- No overflow of materials during operation
- Unique heat dissipating construction supports continuous operation during mass production
- Achieves processing with various containers

Specifications

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Specification	
Dimensions (mm)	H1280 X W2033 X D1420 cm
Weight	Approx 1500Kg
Noise	79dB
Power requirements	3 phase, 200V \pm 10% 50/60Hz
Operation speed	Revolution speed: 200-800rpm Rotation speed: 0-350rpm Adjustable rotation/revolution ratio from 0 – 1.0 by gear block replacement (limited by revolution speed)
Maximum mixing capacity	2 x 10L with standard containers
Maximum mixing weight	2 x 10Kg with standard containers
Mixing mode	Revolution speed max: 800rpm, rotation speed max: 350rpm
Program Memory	20 memory slots are available and each slot can control 10 steps

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Other Information

	<p>Getting to know THINKY Mixers</p> <p>Download a presentation which describes how THINKY Mixers work, and what benefits they can deliver to you.</p>
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Find out more about the technology behind the THINKY ARV-10KTWIN by reading our [technical bulletins and white papers](#):

- [Vacuum Mixing & Degassing](#)

Ordering Information

THINKY ARV-10KTWIN Planetary Centrifugal Mixing and Vacuum Degassing Machine



Part number	Description
THI ARV-10KT	THINKY ARV-10KTwin mixer Includes: Instruction manual, power cable, 2 x 10L Stainless Steel Containers

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:

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