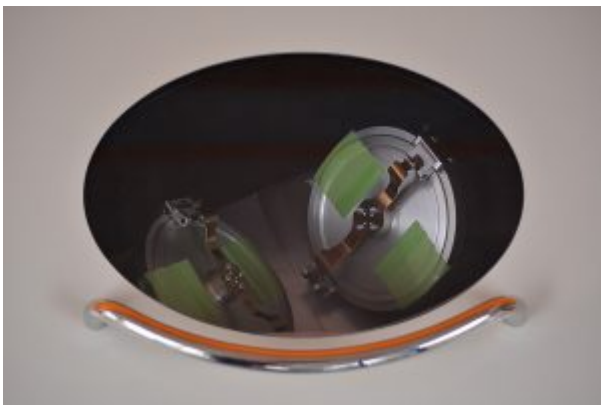


# THINKY ARV-931Twin Planetary Centrifugal Mixing and Degassing Machine



## Description

The **THINKY ARV-931Twin Mixer** makes it possible to mix, disperse and degas at the same time. This product employs a twin planetary centrifugal mixer system, and supports manufacturing application with the capacity to process 1 litre of material. It is equipped with a vacuum function in order to achieve deaeration at the submicron level, thus it is possible to process uniform mixing and dispersion as well as deaeration/degassing at the same time.



The **THINKY ARV-931Twin Mixer** has two degassing/defoaming modes as standard features: one is vacuum deaeration mode which combines 400G centrifugal force and vacuum, and the other is atmospheric pressure deaeration mode which utilises powerful centrifugal force of maximum 670G. This enables high precision degassing even with materials that contain a volatile component that is not suitable for vacuum deaeration.

# THINKY ARV-931Twin Planetary Centrifugal Mixing and Degassing Machine



## Features & Benefits

- Simultaneous process of mixing, dispersion and degassing in one batch
- Mix in your product container
- Non-invasive
- 4.3-inch touch panel enables easy command input
- From low viscosity to semi-solid materials
- Up to 20 recipes containing 10 steps can be registered
- Dry particle mixing
- Syringe degassing
- No cleaning between batches
- Consistent quality with all digital controls
- Multi-step mixing
- Hands-free processing
- Fast vacuum process
- Up to 1 litre capacity
- Vacuum and non-vacuum defoaming mode
- RS-232C connection ensures better traceability through an external terminal
- Consistent results achieved through all digital controls
- Ability to mix from low viscosity to semi-solid materials

# THINKY ARV-931Twin Planetary Centrifugal Mixing and Degassing Machine



## Specifications

Specification	
Method	Vacuum type propellerless rotation and revolution mixing method
Range of operation time	From 00 minutes 00 seconds to 30 minutes 00 seconds (The total operation time can be set at maximum 30 minutes in units of 1 second)
Revolution speed	Maximum 1400 rpm
Rotation speed	Maximum 1800 rpm
Number of programmes	20 memories (ten steps can be registered in each)
Container	550ml and 750ml

# THINKY ARV-931Twin Planetary Centrifugal Mixing and Degassing Machine




Specification	
Working environmental conditions	10 to 35°C 35 to 80% RH (no condensation) Altitude lower than 2000m
Dimensions	H 900 x W 660 x D 820 mm
Weight	Approximately 240kg
Power supply	Three phase AC 220V +/- 10% 50/60 Hz
Power consumption	On standby: approximately 120 VA During operation: maximum 4400 VA
Communication function	Data collection function (Traceability function) Operation start and stop Recipe editing and saving Using an external terminal
Other	Real-time display of rpm during operation Ability to assign recipe names

# THINKY ARV-931Twin Planetary Centrifugal Mixing and Degassing Machine



## 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>
--	--

## Ordering Information

Part number	Description
-------------	-------------

**THINKY ARV-931Twin Planetary  
Centrifugal Mixing and Degassing  
Machine**



THIARV-931T	THINKY ARV-931Twin Mixer Includes 6 x 750ml containers, 6 x 550ml containers, 2 x inner lid without hole (750ml and 550ml container compatible), 4 x inner lid with hole (750ml and 550ml container compatible), 6 x cap with hole (750ml and 550ml container compatible), 2 x adapter for 550ml jar, 4 x O-ring for 750ml jar, 4 x adhesive sheet for 550ml container
-------------	---

---

**Let’s start by talking about your application**

# THINKY ARV-931Twin Planetary Centrifugal Mixing and Degassing Machine

THINKY



01865

842842



[orders@intertronics.co.uk](mailto:orders@intertronics.co.uk)

- Name\*
- Company\*
- Phone\*
- Email\*
- 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

# THINKY ARV-931Twin Planetary Centrifugal Mixing and Degassing Machine

THINKY

Any information that you submit using this form will be processed according to our [privacy policy](#).

■ Email

This field is for validation purposes and should be left unchanged.

Submit

Supplied by:

**intertronics**

INTERTRONICS

12a Station Field Industrial Estate, Banbury Road, Kidlington

Oxfordshire England OX5 1JD

t 01865 842842 e [info@intertronics.co.uk](mailto:info@intertronics.co.uk)

Last updated: September 2021 Version: 4.2

Statements, technical information and recommendations contained herein are based on tests we believe to be reliable but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for his intended use and the user assumes all risk and liability whatsoever in connection therewith.