

Planetary Centrifugal Vacuum Mixer

**THINKY MIXER**

**ARV-5000**



**Uniform mixing and removal of submicron level air bubbles for up to 5 kg of materials**

- Mass production model of ARE-310 and ARV-310P with maximum capacity of 5kg
- Unlike conventional vacuum defoaming devices, the planetary centrifugal system and the vacuuming pressure reduction function prevents spillage during operation and achieves rapid removal and dispersal of submicron level bubbles
- Optimal mixing for any material can be achieved by adjusting the RPM
- Excellent operability with touch panel
- THINKY's original cup holder vacuum system minimizes the vacuum volume and significantly reduces the time required for vacuuming and atmosphere releasing
- Equipped with an original air cooling mechanism
- Various containers can be used
- Different types of containers can be utilized with THINKY adapters
- External host communication function (optional)



Maximum capacity  
**5 kg**

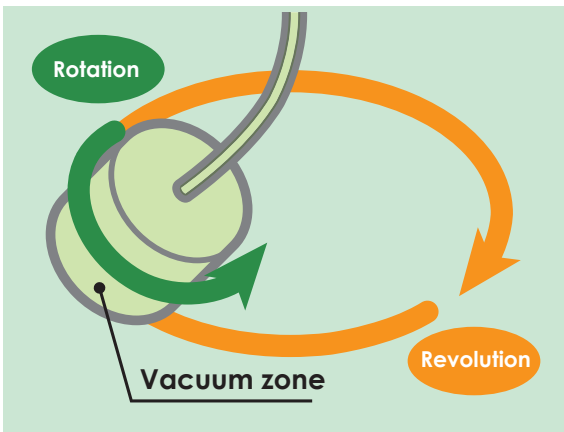
Standard container  
**4 liter resin container**

## Operation screen of touch panel

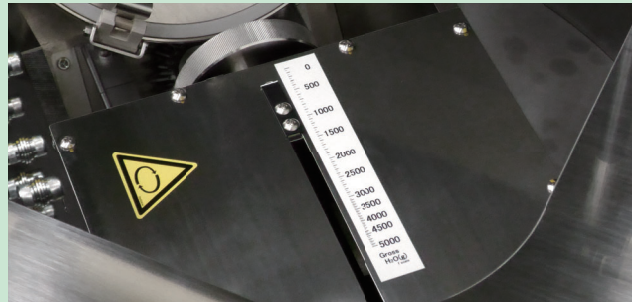
- Optimal setting according to materials is possible by changing the number of rotations.

- 1 Login Screen
- 2 Operation Screen
- 3 Main Menu
- 4 Create Recipe Screen
- 5 Keypad

## Cup Holder Vacuum System



● Wide range adjustable counter weight helps for small amount material to maximum amount material



## Specifications

<b>Product name</b>	Planetary Centrifugal Vacuum Mixer "THINKY MIXER"
<b>Model</b>	ARV-5000
<b>Method</b>	Vacuum-type, planetary, propeller-less mixing
<b>Time Setting range</b>	0 sec to 30 min in 1 sec increments
<b>Programming Function</b>	10 memories with 10 steps
<b>Revolution speed (rpm)</b>	0, 200 to 800 rpm (adjustable)
<b>Rotation speed (rpm)</b>	Approx. 0.75 revolution to rotation ratio
<b>Max. Mixing Volume *1</b>	5 kg
<b>Standard Container *2</b>	4 liter resin container

<b>Vacuum System</b>	Vacuum system within cup holder				
<b>Ultimate Vacuum</b>	0.67 kPa				
<b>Power Supply</b>	<table border="0"> <tr> <td><b>Voltage</b></td> <td>Three-Phase AC 200 V ± 10 %, 50 Hz</td> </tr> <tr> <td><b>Power consumption</b></td> <td>Approx. 35 VA (standby) Max 4500 VA (operation)</td> </tr> </table>	<b>Voltage</b>	Three-Phase AC 200 V ± 10 %, 50 Hz	<b>Power consumption</b>	Approx. 35 VA (standby) Max 4500 VA (operation)
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<b>Operating Environment</b>	10 to 35 °C, 35 to 85 % RH (without condensation)				
<b>Unit Dimensions</b>	Main Body: H1650 × W1050 × D925 (mm)				
<b>Unit Weight</b>	Main Body: approx. 530 kg				

\*1: Maximum mixing volume (gross weight) = container + materials

\*2: Please contact us for more information since the actual mixing volume may vary depending on materials and operating conditions, etc.

Product appearance/specifications may change without notice.

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### Sales agent