

Planetary Centrifugal Vacuum Mixer

THINKY MIXER**ARV-5000 C€**

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

- Mass production model of ARE-250CE 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

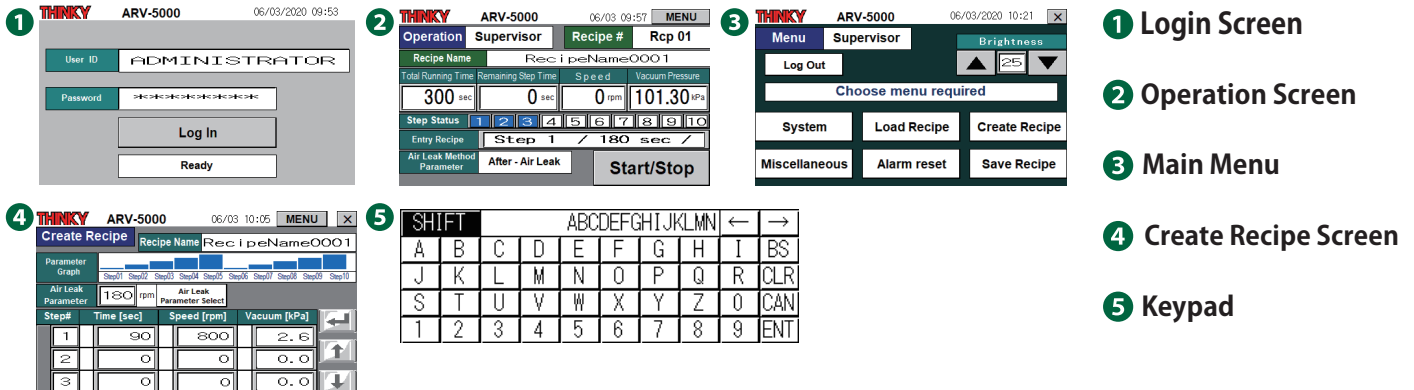
5 kg

Standard container

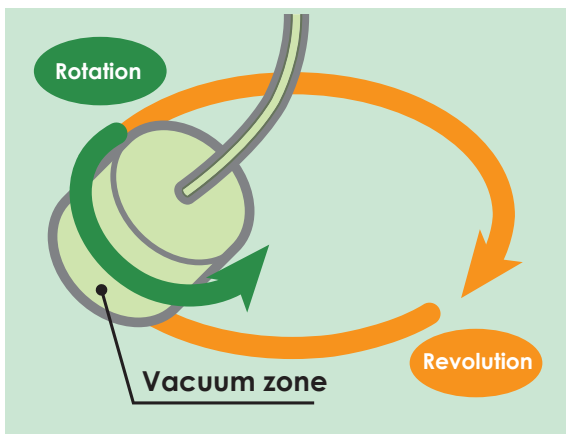
4 liter resin container

Operation screen of touch panel

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



Cup Holder Vacuum Sytem



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



Specifications

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

Vacuum System	Vacuum system within cup holder
Ultimate Vacuum	0.67 kPa
Power Supply	Voltage Three-Phase AC 200 V \pm 10 %, 50 Hz Power consumption Approx. 35 VA (standby) Max 4500 VA (operation)
Operating Environment	10 to 35 °C, 35 to 85 % RH (without condensation)
Unit Dimensions	Main Body: H1650 × W1050 × D925 (mm)
Unit Weight	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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