

Manufacturing model with a two-container system & 1 L maximum vacuum processing

ARV-930TWIN THINKY MIXER

500ml x2	830g x2 930g x2	Vacuum	670G	Adjustable
Max processing volume	Max processing weight (Net weight) (Gross weight)	Pressure	Revolution acceleration (Deaeration operation)	Rpm

Incorporating a two-container system the ARV-930TWIN can process up to 1 liter of materials and is suitable for manufacturing. Simultaneous uniform mixing and dispersion can be carried out with submicron-level deaeration.

For deaeration, in addition to 400 G of vacuum processing, an atmospheric pressure deaeration mode that generates powerful acceleration to a maximum of 670 G is incorporated as standard; volatile materials, which are not suitable for vacuum deaeration, can be efficiently deaerated to a high standard. Moreover, THINKY's original cup holder vacuum system holds the decompression volume to a minimum, thus significantly reducing vacuum decompression time.

Features

- Submicron-level air bubbles eliminated: 1 L maximum capacity.
- No material spillage during operation.
- Adjustable rpm allows optimal setting for any material.
- Cup holder vacuum system reduces pressure reduction time.
- High standard of deaeration for volatile materials.
- Same outstanding performance as the ARV-310 (200), compatible with large volumes.

■ Dimensions:

H900 × W660 × D670 (mm)

■ Weight: About. 220 kg

■ Max processing volume with 750 ml containers:

500 ml / 830 g × 2 (net)

500 ml / 930 g × 2 (gross)



● Two-container system



● Control panel



● Accessories: Containers, Adapter

THINKY MIXER

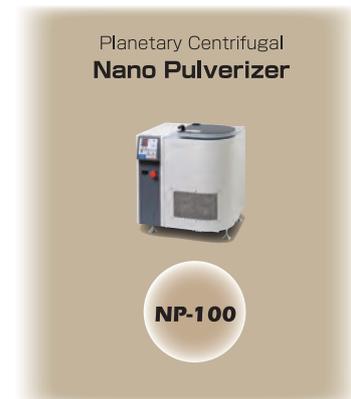
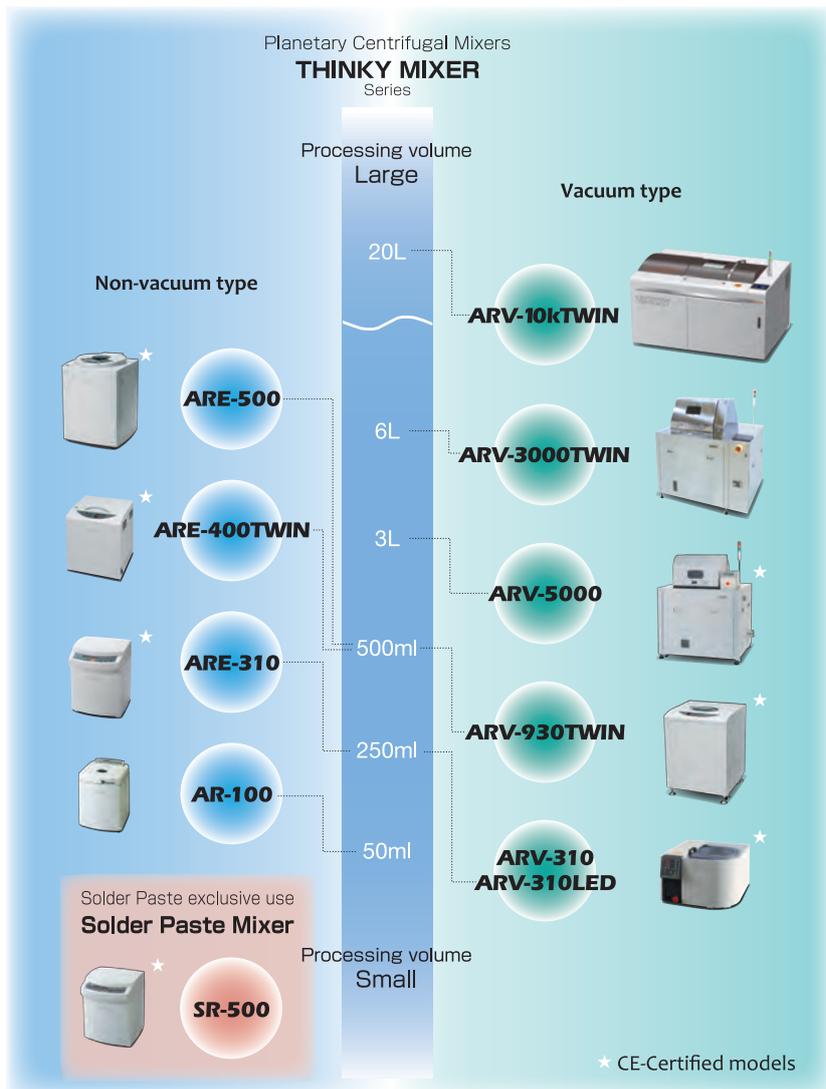
Planetary Centrifugal Vacuum Mixer ARV-930TWIN



Mode	ARV-930TWIN		Max Processing Volume	Non-vacuum Condition With 750 ml containers: 500 ml × 2 / 830 g × 2 (net*1) 500 ml × 2 / 930 g × 2 (gross*2)	Transport Locking Mechanism*3	1 on the unit front and 1 on the rear
System	Vacuum Rotation/revolution no-blade mixing		Vacuum System	Vacuum system within container holder	Others	Equipped with a stroboscope A forced-air-cooling compressor can be connected.
Operation Time Setting	Timer setting range: 0 s to 30 min in 1 s increments		Ultimate Vacuum	0.67 kPa / Approx. 5 Torr	Unit Dimensions	H 900 × W 660 × D 670 (mm)
Continuous Operation Time	Max 30 min		Vacuum Trap Connection	Depending on specifications	Unit Weight	About 220 kg
Programming Function	9 recipe profiles with 9 steps (Standard mode, High function mode)		Vacuum Pump Capability	Pump capacity: 100 liters/minute	Accessories 1	Instruction Manual × 1, Power cable × 1, HDPE 750 ml container × 6 (O-ring × 4, Inner lid without hole × 2, Outer lid without hole × 2, Inner lid with hole × 4, and Outer lid with hole × 4) 550 ml container × 6 (Adapter × 2 and all the above lids)
Revolution/Rotation Speed (rpm)	Mixing Mode	Revolution: 0, 200 to 1400 rpm (adjustable) Rotation: Approx. 1 : 2 revolution-rotation ratio	Power Consumption	Voltage: Three-phase AC 200/220 V ± 10 %, 50/60 Hz Power consumption: Approx. 120 VA (standby) Max 4400 VA (operation)	Accessories 2	Phillips screwdriver × 1, Hexagon wrench × 1, Pliers × 1, Bolt × 2, Vacuum pump oil, Waste oil receiver × 1, Funnel × 1
	Deaeration Mode	Revolution: 0, 200 to 1800 rpm (adjustable) Rotation: Approx. 1: 33.3 revolution-rotation ratio	Operating Environment	10 to 35 °C, 35 to 85 % RH (Ensure no water condensation)	Safety Mechanism	Lid locking sensor, Vibration sensor, Speed sensor

*1:Net weight refers to material weight excluding container and adapter. *2:Gross weight refers to total weight of material, container and adapter. *3:Products are shipped and delivered in a locked state. Release the lock before use.

Line of Products



- ...Planetary Centrifugal Mixers
- ...Planetary Centrifugal Vacuum Mixers
- ...Planetary Centrifugal Solder Paste Mixer
- ...Planetary Centrifugal Nano Pulverizer
- ...Vacuum Syringe Chargers