

Large 3 L volume & complete elimination of submicron air bubbles

ARV-5000 THINKY MIXER



Mixing, dispersion, and deaeration (defoaming) with a large 3 L / 5 kg capacity, the ARV-5000 supports mass production and improves productivity and efficiency. A large volume of mixing and deaeration (defoaming) can easily be carried out at one time.

Mixing, dispersion, and deaeration (defoaming) are simultaneously conducted in a short time. In combination with vacuum technology, the ARV-5000 completely removes submicron air bubbles even with highly-viscous materials.

Features

- Large capacity: 3 L or 5 kg.
- Recipe setting for optimal material processing ensures no spillage during operation.
- Adjustable rpm allows optimal setting for any material.
- User-friendly touch screen.
- Rotation and revolution provides air-cooling function.
- Supports a wide variety of containers.

■ Dimensions:

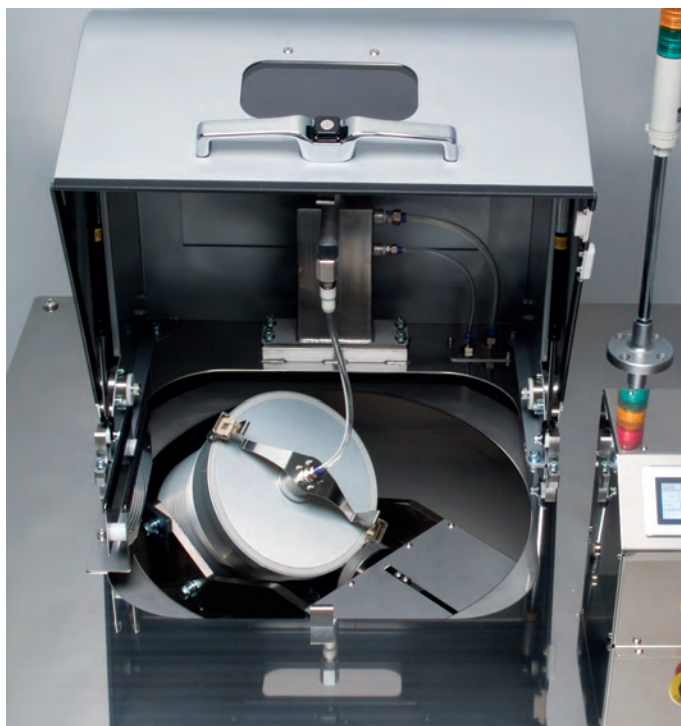
H1,650 × W1,050 × D925 (mm)

■ Weight: About. 500 kg

■ Max processing volume with a 4 L container:

3 L / 4.7 kg (net)

3 L / 5 kg (gross)



● Container holder, Balance adjustment dial



● Control panel

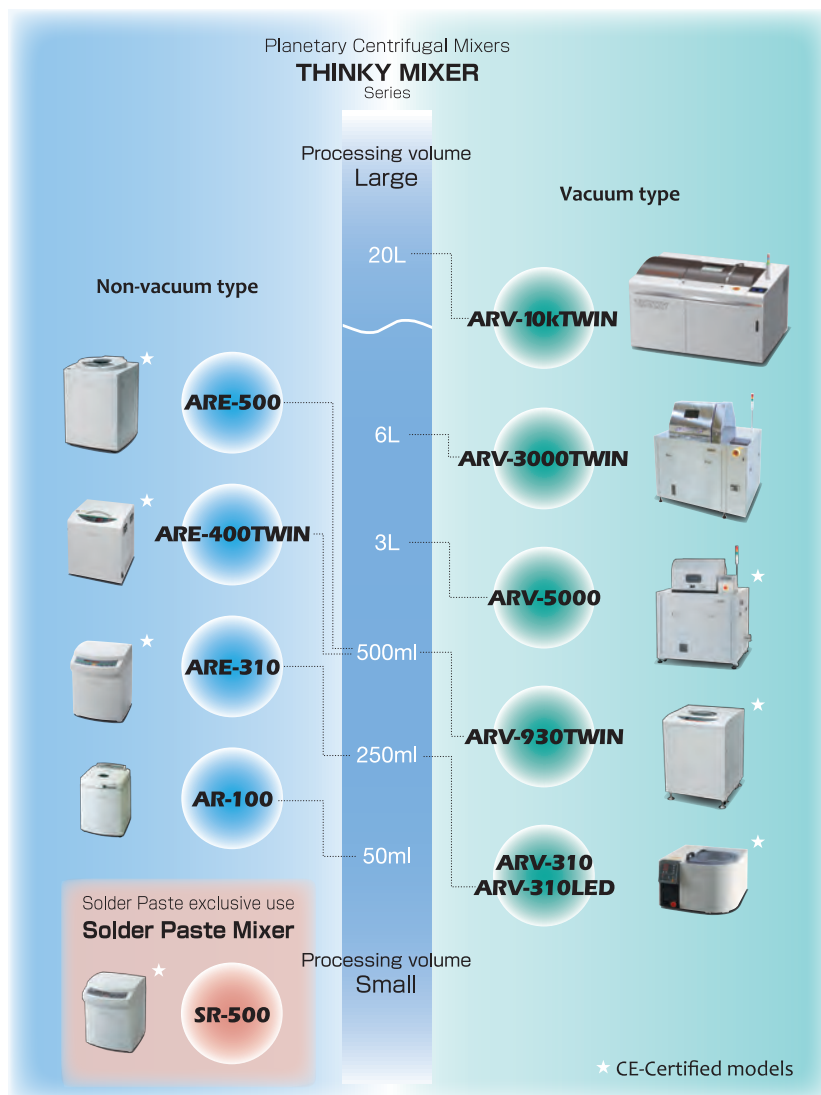


● Accessories: Containers, Adapter

THINKY MIXER
Planetary Centrifugal Vacuum Mixer ARV-5000


Mode	ARV-3000TWIN		Max. Processing Volume	Non-vacuum Condition	With a 4 L container (internal volume): 3L / 4.7 kg (net ^{*1}) 3L / 5.0 kg (gross ^{*2})	Safety Mechanism	Lid locking sensor, Vibration sensor, Speed sensor
System	Vacuum Rotation/revolution no-blade mixing			Vacuum Condition		Transport Locking Mechanism ^{*3}	1 on the right inside and 1 on the left inside
Operation Time Setting	Timer setting range: 1 s to 30 min in 1 s increments		Vacuum System		Vacuum system within container holder	Others	External host communication function ^{*4}
Continuous Operation Time	Max 30 min		Ultimate Vacuum		0.67 kPa / Approx. 5 Torr	Unit Dimensions	H 1650 × W 1050 × D 925 (mm)
Programming Function	10 recipe profiles with 10 steps		Vacuum Trap Connection		Connectable with external connection joint (optional)	Unit Weight	About 500 kg
Revolution/Rotation Speed (rpm)	Mixing Mode	Revolution: 0, 200 to 800 rpm (adjustable) Rotation: Approx. 3 : 4 revolution-rotation ratio	Vacuum Pump Capability		Pump capacity: 100 liters/minute	Accessories 1	Instruction Manual × 1, Power cable × 1, Containers and others: Depending on specifications, Vacuum tube × 1 pair
	Deceleration Mode	_____	Power Consumption		Voltage: Three-phase AC 200 V ± 10 %, 50/60 Hz Power consumption: Approx. 35 VA (standby) Max 4500 VA (operation)		
			Operating Environment		10 to 35 °C, 35 to 85 % RH (Ensure no water condensation)	Accessories 2	Vacuum pump oil, Others: Depending on specifications

^{*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. ^{*4}:Option

Line of Products

Planetary Centrifugal Nano Pulverizer

NP-100
Vacuum type Syringe Chargers

ARC-600TWIN
ARC-40H

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