

3 L × 2: Even more capacity with complete removal of submicron air bubbles

ARV-3000TWIN THINKY MIXER

3L×2	4.7kg×2	Vacuum	230G	Adjustable
Max processing volume	Max processing weight (Net weight) (Gross weight)	Pressure	Revolution acceleration	Rpm

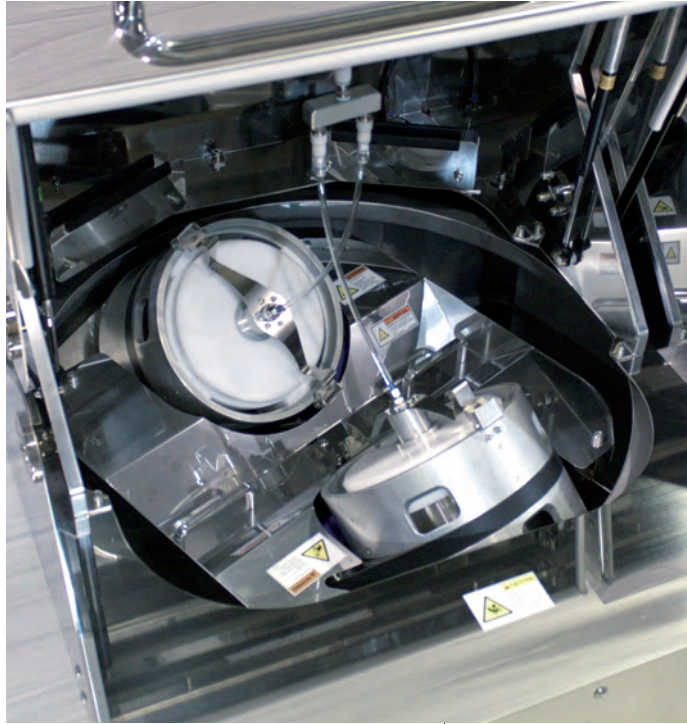
A large capacity and great performance: 3 L / 5 kg × 2, simultaneous mixing, dispersion and deaeration (defoaming) with no spillage. In a mass production process, the ARV-3000TWIN delivers a massive volume of material processing at one time, and contributes to improved efficiency, productivity and quality. The model incorporates advanced technology to create a high vacuum inside the mixing container or inside the container holder, and even for highly viscose materials submicron air bubbles are thoroughly eliminated in just minutes. Adjustable rpm allows optimal setting according to the mixing material.

Features

- Recipe setting for optimal material processing ensures no spillage during operation.
- Contributes to improving efficiency of the whole mixing and deaeration process, e.g. increase of processing volume, standardized operations, stabilized quality, reduction of material loss.
- Supports ODF process sealant deaeration applications, and major ODF sealant processes.
- Supports particle-less, clean room class 1000.

- Dimensions: H1,900 × W1,024 × D892 (mm)
- Weight: About. 700 kg
- Max processing volume with 4L containers: 3 L / 4.7 kg × 2 (net)
3 L / 5.0 kg × 2 (gross)
with SUS containers:
1.2 kg × 2 (sealant conversion, net)*

* The size of the container might be smaller depending on the syringe specification.



● Control panel



● Accessory example: SUS container



● Accessory example: 4L container

THINKY MIXER

Planetary Centrifugal Vacuum Mixer

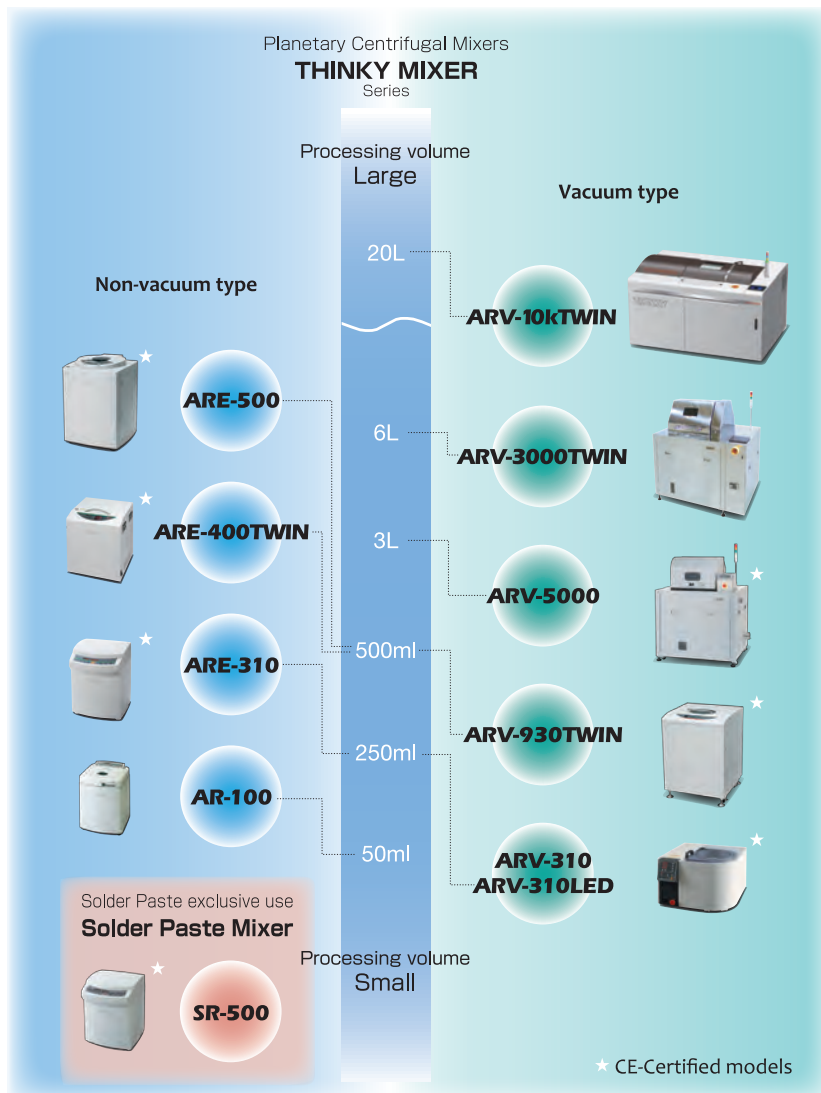
ARV-3000TWIN



Mode	ARV-3000TWIN		Max Processing Volume	Non-vacuum Condition	With the specially designed SUS containers: Max 1.2 kg × 2 (LCD sealant conversion / net ^{*1})	Safety Mechanism	Lid locking sensor, Lid sensor, Vibration sensor, Speed sensor
System	Vacuum Rotation/revolution no-blade mixing			Vacuum Condition	With 4L containers (internal volume): 3L / 4.7 kg × 2 (net ^{*1}) 3L / 5.0 kg × 2 (gross ^{*2})		Transport Locking Mechanism ^{*3}
Operation Time Setting	Timer setting range: 1 s to 30 min in 1 s increments		Vacuum System		Vacuum system within container holder	Others	External remote operation available ^{*4}
Continuous Operation Time	Max 30 min		Ultimate Vacuum		0.1 kPa / Approx. 0.75 Torr (set value)	Unit Dimensions	H 1900 × W 1024 × D 892 (mm)
Programming Function	20 recipe profiles with 10 steps		Vacuum Trap Connection		Depending on specifications	Unit Weight	About 700 kg
Revolution/Rotation Speed (rpm)	Mixing Mode	Revolution: 0, 250 to 850 rpm (adjustable) Rotation: Differs depending on gear ratio	Vacuum Pump Capability		Pump capacity: 200 liters/minute	Accessories 1	Instruction Manual × 1, Power cable × 1, Containers and others: Depending on specifications
	Deceleration Mode	_____	Power Consumption		Voltage: Three-phase AC 200 V ± 10 %, 50/60 Hz 30 A Power consumption: Approx. 138.6 VA (standby) Max 10.4 kVA (operation)		
			Operating Environment		5 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