

This machine supports mass production with a maximum 20L capacity achieving the performance of laboratory models

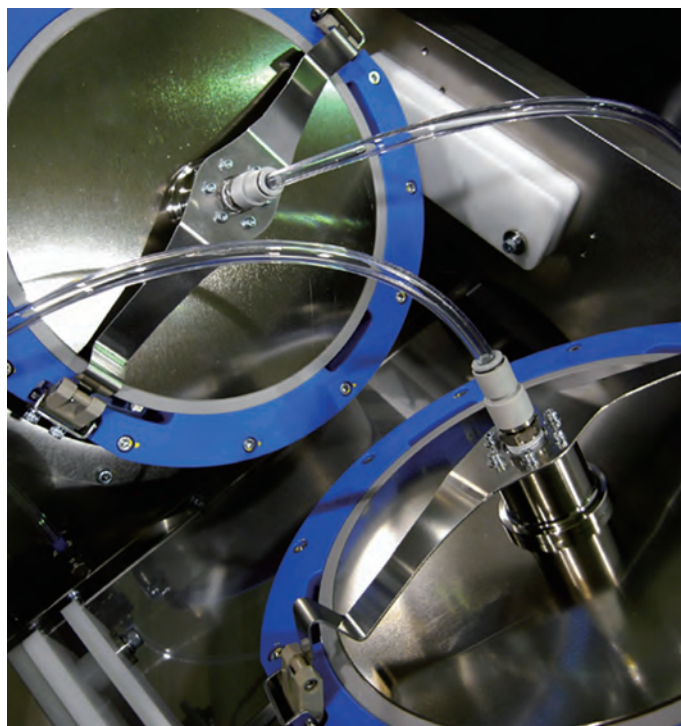
ARV-10kTWIN THINKY MIXER

10L×2	10kg×2 14.5kg×2	Vacuum	400G	Adjustable
Max processing volume	Max processing weight (Net weight) (Gross weight)	Pressure	Revolution acceleration	Rpm

Twin-mixer system achieves a capacity of 20 L, aimed for production. Vacuum pressure reduction system that enables elimination of submicronlevel air bubbles is included, simultaneously processing even mixing and deaeration. Designed to provide the mixing performance equivalent to the laboratory models ARE-310 and ARV-310, it maintains the material quality achieved in your laboratories and enables mass-production with no fuss and in a short period of time. In addition, the variable rotation/revolution ratio mechanism included as standard equipment supports detailed parameter settings in accordance with the properties of the material. Consider that the technology can not only start mass-production of new material, but also can contribute to improving the production efficiency, materials quality and cost of your existing mass-production line.

Features

- The maximum of 20 L of material can be simultaneously mixed and deaerated.
- The vacuum pressure reduction mechanism provides submicron-level deaeration.
- By means of the in-cup-holder vacuum pressure reduction mechanism, pressure reduction and air release time are drastically reduced.
- By way of the variable rotation/revolution ratio mechanism, parameter settings in accordance with material properties are achieved.
- Supports processing at atmospheric pressure, enabling processing of materials with volatile components.
- No overflow of materials during operation.
- With unique heat dissipating construction, supports continuous operation during mass production.
- By using adapters, achieves processing with various containers.



- Dimensions: H1,050 × W1,900 × D1,370 (mm)
- Weight : About. 1500 kg
- Max processing volume with 10 L SUS containers:
10 L / 10 kg × 2 (net)
10 L / 14.5 kg × 2 (gross)



● Control panel



● Accessory:
10L SUS Containers

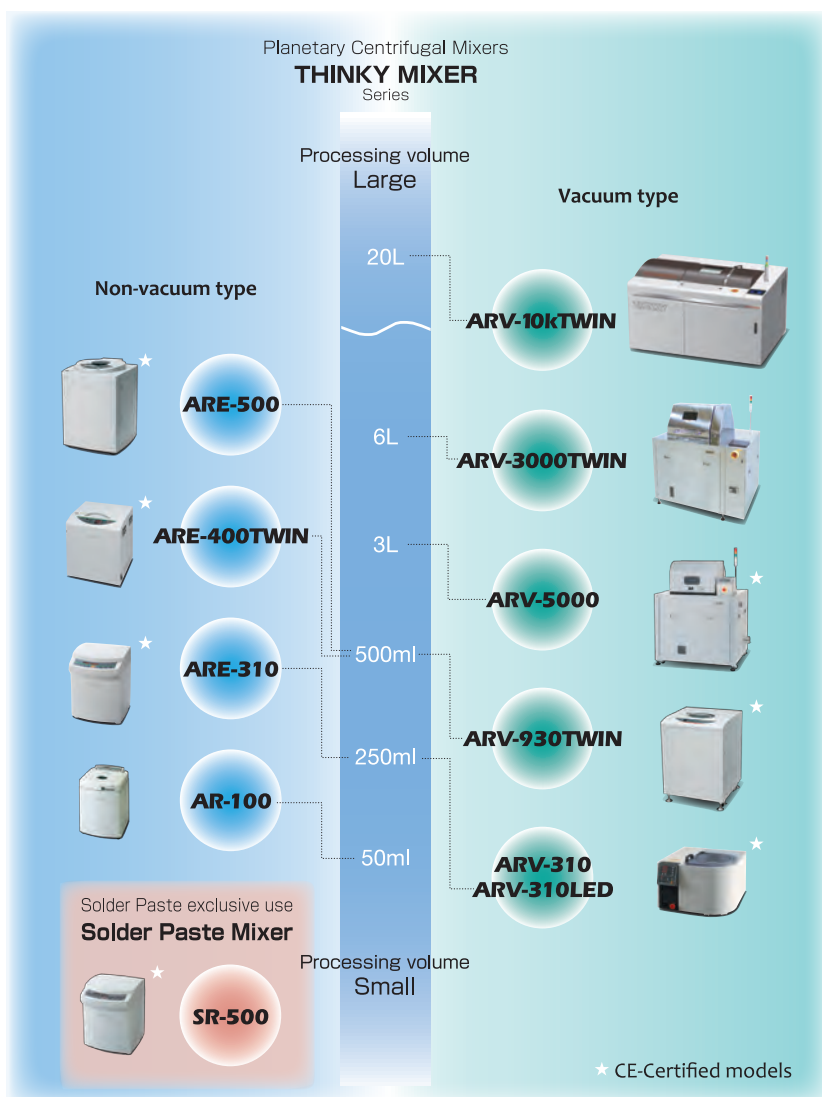


● Option (Raku-Raku Hand)

THINKY MIXER
Planetary Centrifugal Vacuum Mixer ARV-10kTWIN


Mode		ARV-10kTWIN		Max Processing Volume	Non-vacuum Condition	With the specially designed 10L SUS containers: 10L / 10 kg × 2 (net*1) 10L / 14.5 kg × 2 (gross*2)	Safety Mechanism	Lid locking sensor, Lid sensor, Vibration sensor, Speed sensor
System		Vacuum Rotation/revolution no-blade mixing			Vacuum Condition		Transport Locking Mechanism*3	Depending on specifications
Operation Time Setting		Timer setting range: 1 s to 30 min in 1 s increments		Vacuum System		Vacuum system within container holder	Others	Program: TWIN OS (Japanese/English)
Continuous Operation Time		Max 30 min		Ultimate Vacuum		0.1 kPa / Approx. 0.75 Torr (set value)	Unit Dimensions	H 1050 × W 1900 × D 1370 (mm)
Programming Function		20 recipe profiles with 10 steps		Vacuum Trap Connection		Depending on specifications	Unit Weight	About. 1400 kg
Revolution/ Rotation Speed (rpm)	Mixing Mode	Revolution: 200 to 800 rpm Rotation: 0 to 350 rpm (Although always below orbital speed)		Vacuum Pump Capability		Pump capacity: 200 liters/minute	Accessories 1	Instruction Manual × 1, Power cable × 1, Standard container: SUS container × 2, others: Depending on specifications
	Deaeration Mode			Power Consumption		Voltage: Three-phase AC 200 V ± 10 %, 50/60 Hz Power consumption: Max 27 kVA (Max 100 A)		
				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.

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