

Our most compact portable planetary centrifugal mixer

AR-100 THINKY MIXER

				
Max processing volume	Max processing weight (Net weight) (Gross weight)	Pressure	Revolution acceleration (Deaeration operation)	Rpm

The AR-100, the smallest model of the THINKY MIXER Series, is designed for user-friendliness and the processing of small batches of material.

The spacesaving and compact design is ideal for basic experiments conducted by researchers and engineers. By adopting disposable containers the AR-100 is perfect for experiments and research.

Features

- About 465 G of acceleration generated by rotation and revolution speed allows powerful simultaneous mixing and deaeration.
- By changing the rpm, optimal mixing of any material is ensured.
- Timer setting with 5 recipe profiles.
- Easy-to-open and close sliding lid.
- A stroboscope allows observation of the material in a stationary state.

- Dimensions: H 328 × W 250 × D 250 (mm)
- Weight: About. 15 kg
- Max processing volume with a 100 ml disposable container:
50 ml / 100 g (net)
50 ml / 140 g (gross)



● Container holder, Balance adjustment dial



● Control panel



● Accessories: Containers

THINKY MIXER

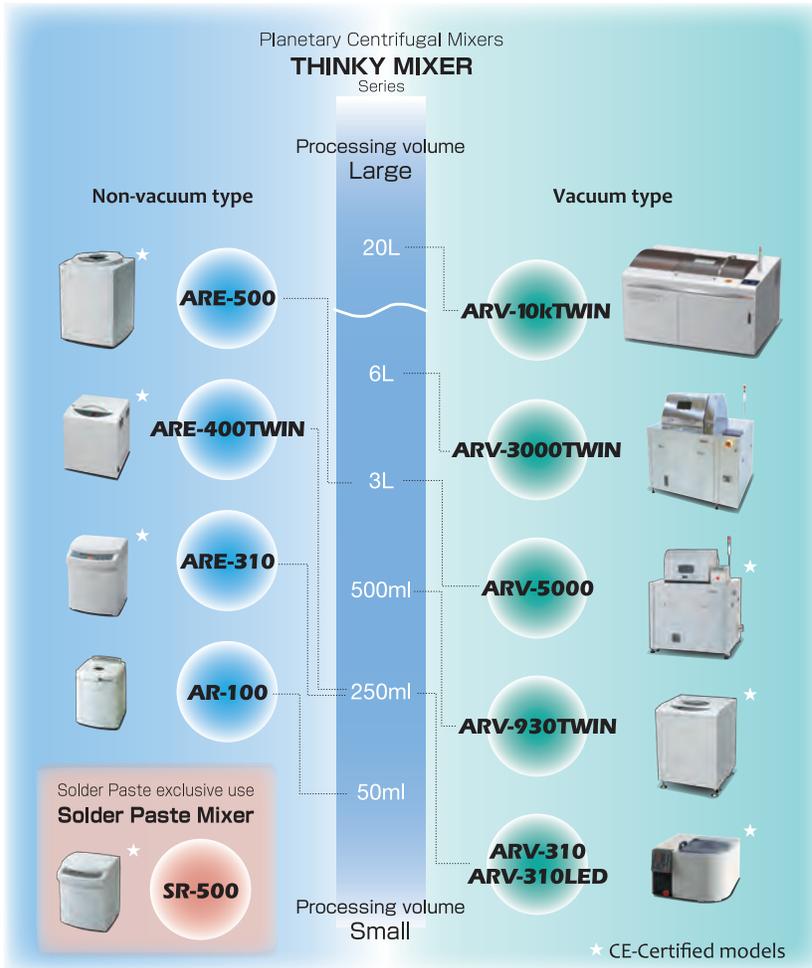
Planetary Centrifugal Mixer AR-100



Mode	AR-100		Max Processing Volume	Non-vacuum Condition	With a 100 ml disposable container: 50 ml / 100 g (net ^{*1}) 50 ml / 140 g (gross ^{*2})	Operating Environment	10 to 35 °C, 35 to 85 % RH (Ensure no water condensation)	
System	Rotation/revolution no-blade mixing			Vacuum Condition	_____	Safety Mechanism	Lid sensor, Vibration sensor, Speed sensor	
Operation Time Setting	Timer setting range: 0 s to 30 min in 1 s increments		Vacuum System	_____		Transport Locking Mechanism ^{*3}	1 on the unit bottom and 1 on the rear	
Continuous Operation Time	Max 30 min			Ultimate Vacuum		_____		
Programming Function	5 recipe profiles			Vacuum Trap Connection		_____		
Revolutions/Rotation Speed (rpm)	Mixing Mode	Revolution: 400 to 2000 rpm (adjustable) Rotation: Approx. 1:2.5 revolution-to-rotation ratio	Vacuum Pump Capability		_____		Others	Equipped with a stroboscope
	Deaeration Mode	Revolution: 2200 rpm (fixed) Rotation: 0 rpm (fixed)	Power Consumption		Voltage: Single-phase AC 120 V ± 10 %, 50/60 Hz Power consumption: Approx. 50 VA (standby) Max 800 VA (operation)		Unit Dimensions	H 328 × W 250 × D 250 (mm)
					Accessories 1		Instruction Manual × 1 AC cable (including 3P adapter) × 1, ABS container × 3, PP 100 ml disposable container × 10	
					Accessories 2		_____	

*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-40H

ARC-600TWIN

● Planetary Centrifugal Mixers
● Planetary Centrifugal Vacuum Mixers
● Planetary Centrifugal Solder Paste Mixer
● Planetary Centrifugal Nano Pulverizer
● Vacuum Syringe Chargers