

Planetary Centrifugal Vacuum Mixer

THINKY MIXER
ARV-501CE



**Mid-size mixer for manufacturing
with vacuum option**

- ✓ THINKY's original cup holder design minimizes space and significantly reduces time to reach and release vacuum
- ✓ Newly added defoam mode can be used with or without vacuum
- ✓ Dedicated stand with the built-in vacuum pump enables to save the footprint
- ✓ Ease of the touch operation
- ✓ PC connectivity enables traceability
- ✓ Adapters for various containers are available

Maximum
capacity
700 g

Standard
container
550 ml
HDPE
container

Operation screen of touch panel

- 1 Initial screen
- 2 Screen of operation control
- 3 Screen of utility selection
- 4 Screen for editing recipe
- 5 Screen for recipe-name input
- 6 Example of alarm display

Specifications

Model	ARV-501CE	
Product	Planetary Centrifugal Mixer (Vacuum type)	
System	Vacuum-type, planetary, propeller-less mixing	
Operation Time Setting	Timer setting range: 0 s to 30 min in 1 s increments	
Revolution/Rotation Speed (rpm)	Mixing Mode	Revolution: 0, 400 to 1500 rpm (adjustable) Rotation: Approx. 0.58 revolution-to-rotation ratio
	Defoaming Mode	Revolution: 0, 400 to 2000 rpm (adjustable) Rotation: Approx. 0.03 revolution-to-rotation ratio
Maximum Capacity *1	700 g	
Standard Container *2	550 ml HDPE container	
Vacuum System	Vacuum system within container holder	
Ultimate Vacuum	0.67 kPa	

Power Supply	Voltage: Single-phase AC 200 to 240 V ± 10 %, 50/60 Hz Power consumption: Approx. 50 VA (standby) Max 2000 VA (operation)
Programming Function	20 memories with 10 steps
Safety Mechanism	Lid locking sensor, Vibration sensor, Speed sensor
Operating Environment	0 to 35 °C, 35 to 80 % RH (without condensation)
Unit Dimensions	H815 × W500 × D601 (mm)
Unit Weight	Approx. 110 kg
Switch / display unit	Touch panel (4.3 inches)
Communication function (RS232C)	Data collection function (Traceability function) Operation start and stop, recipe editing and saving, using an external terminal
Others	Real-time display of rpm during operation, function of setting recipe name

*1: Total mass to mount on the cup holder, including materials, containers, and adapters.

*2: Contact us because the actual volume of mixing may vary depending on the containers, materials, and conditions.

Optional

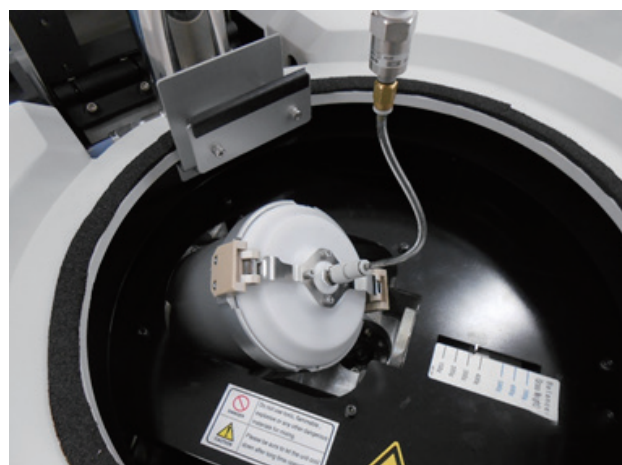
PU-501CE

Stand with Built-in Vacuum Pump for ARV-501CE



Unit Dimensions	H300 × W500 × D500 (mm)
Unit Weight	Approx. 47 kg

* The voltage of the PU-501CE (Stand with Built-in Vacuum Pump) is single-phase AC200±10%.



Vacuum inside the cup holder

Product appearance/specifications may change without notice.

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