

Planetary Centrifugal Vacuum Mixer

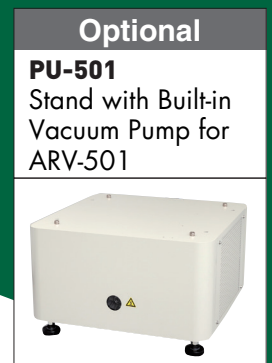
THINKY MIXER

ARV-501



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




Optional

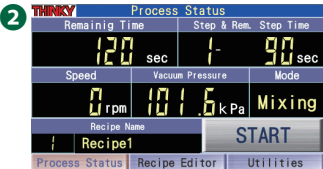
PU-501
Stand with Built-in Vacuum Pump for ARV-501


Maximum capacity
700 g

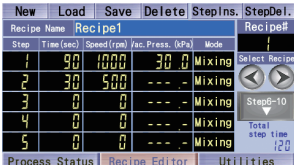
Standard container
550 ml
HDPE container


Operation screen of touch panel

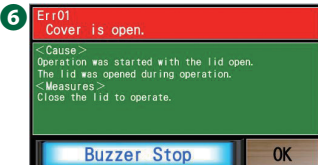
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1 Initial screen

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-501		
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 × D595 (mm)
Unit Weight	Approx. 100 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

Multi-Sensor

MS-150ML/MS-300ML/MS-550ML



Unit Dimensions	The height of container + 27 mm		
Unit Weight (Including container)	Approx. 100 g (MS-150ML)	Approx. 135 g (MS-300ML)	Approx. 155 g (MS-550ML)

PU-501

Stand with Built-in Vacuum Pump for ARV-501



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

Unit Dimensions	H300 × W493 × D493 (mm)		
Unit Weight	Approx. 47 kg		

Product appearance/specifications may change without notice.

THINKY CORPORATION

Headquarters: 2-16-2 Sotokanda, Chiyoda-ku, Tokyo 101-0021
Phone: +81-3-5207-2713 Fax: +81-3-5289-3281

THINKY USA Inc.: 23151 Verdugo Drive, Suite 112 Laguna Hills, CA 92653, USA

THINKY CHINA: East building, HaiAn Kafunuo Mansion, Shennan road, Qianhai road, Nanshan district, Shenzhen

<https://www.thinkymixer.com/en-gl/>

Sales agent



C3 PROZESS- UND ANALYSENTECHNIK GmbH
Peter-Henlein-Str. 20
D-85540 Haar b. München
Telefon 089/45 60 06 70
Telefax 089/45 60 06 80
info@c3-analysentechnik.de
www.c3-analysentechnik.de

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