

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




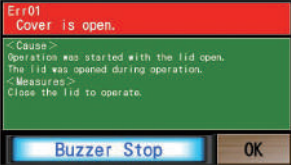
Maximum
capacity

700 g

Standard
container

550 ml
HDPE
container

Operation screen of touch panel

- 1 
- 2 
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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 | |

*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.

| | |
|---------------------------------|---|
| Power Supply | Voltage: Single-phase AC 200 to 240 V \pm 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 |

Optional

PU-501

Stand with Built-in
Vacuum Pump for
ARV-501



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

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



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