

State of the art twin Sytem that can vary the rotation-revolution ratio

NEW

ARE-400 TWIN THINKY MIXER

| | | | | |
|--|---|---|---|--------------------------|
| 250ml ×2 Max.processing volume | 340g ×2 400g ×2 Max.processing weight (Nest weight) (Gross weight) | Atmospheric Pressure Pressure | 400G Revolution Acceleration (Deaeration operation) | Adjustable Rpm |
|--|---|---|---|--------------------------|

The built in mechanism can vary the ratio of rotation, while the twin system is newly developed. Mixes and deaerates a maximum 500ml /800 g of material (gross). This machine can set and reproduce optimal recipes for materials whose temperature is hard to control because it can detect material temperatures in containers in real time during operation with the combined use of the newly developed sensor unit incorporating non-contact sensors (optional). A PC connector (USB TypeB) is installed on the back of the unit as standard equipment, achieving parameter setting, rotations during operation and temperature monitoring.

Features

- Rotation and revolution independent variable mechanism mounted
- Twin system, maximum capacity 250ml/400g × 2 (gross)
- Mixing capacity can mix high viscosity material such as viscous grease with viscosity 4,000Pa s
- Can use a sensor unit that can detect temperature of materials being mixed in real time (optional)
- Effective in setting recipes for materials that do not like temperaturerise
- Through external PC connections, can display recipe settings, rotations during operation, and material temperature in real time (USB Type B standard equipment)
- Can remote control through external PC connections (optional RS485 terminal)



- Unit dimensions / H560 × W460 × D480 (mm)
- Weight / Approx.70kg
- Maximum capacity / When you using 300ml container 250ml × 2 · 340g × 2 (net) 250ml × 2 · 400g × 2 (gross)



● Emergency off switch, LED cumulative signal tower are options.



● the receiver of sensor is installed on the back of the lid.



● Operation panel displaying the material temperature (Enable to switch the mode from Operation time to material temperature on the display)
※Display 23.3°C in the picture



● 300ml container with optional sensor unit



● A PC connector (USB Type B) is installed on the back of the unit
RS485 (left side), USB TypeB (right side)



THINKY MIXER Series

Planetary centrifugal mixer ARE-400TWIN

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|---------------------------|--|---|---|---------------|---|
| Model | ARE-400TWIN | Power supply | Single-phase AC100V±10% 50/60Hz Max.1400VA (operation) | Accessories 1 | User manualx1 AC cable (including 3P adapter)x1 HDPE 300ml containerx6 PC software (Revolution speed rpm. / Rotation speed rpm./ Operation time can be set and managed freely) (Rotary speed / process / temperature on the screen can be confirmed on the PC screen in real time) USB cable (TypeB)x1 |
| Product name | Rotation/revolution no blade mixing | Operating environment | 5~35°C, 35~85%RH (Ensure no water condensation) | | |
| OperationTime setting | Timer setting range: 0 sec. to 30 min. in 1sec. increments | Safety mechanism | Lid locking sensor Door sensor Vibration sensor Speed sensor | Accessories 2 | L-shaped wrench (M6)x1 1 metal fitting is attached to the unit rear to release the lid lock, in case of power failure. |
| Continuous operation time | Max. 30min | Transport locking mechanism ^{*3} | 1 on the unit rear | | |
| Programing function | 20 recipe profiles with 5 steps | Others | PC connector (USB TypeB) | Option | Real-time temperature monitor function (use special sensor unit together) LED cumulative signal tower. Emergency off switch RS485 joining terminal, 150mlcontainer adapter for 150ml container, spare rubber ring |
| Rotary speed | Revolution: 0rpm, 200~1600rpm Rotation: 0rpm, 200~1600rpm (Adjustable) | Unit dimensions | H 560×W 460×D 480 (mm) | | |
| Max processing volume | With a 300ml container 250ml/340g×2 (net ^{*1}) 250ml/400g×2 (gross ^{*2}) | Unit weight | Approx.70kg | | |

*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.
※Product specifications are subject to change without notice.

Our versatile range ensures we meet our customer needs

Planetary Centrifugal Mixers

Atomospheric pressure type

Processing volume Large

Processing volume Small

Vacuum type

Syringe Filler

- ...Planetary centri fugal mixers (Atomospheric pressure type)
- ...Planetary centrifugal vacuum mixers (vacuum type)
- ...Solder Paste Mixer (planetary centrifugal mixer Atomospheric pressure type)
- ...Vacuum Syringe Fillers