

# THINKY

## Easy to use Mixer

### The New standard with the widest variety of applications

### Higher performance with step mixing feature



## Planetary Centrifugal Mixer

# Thinky Mixer ARE-250

Counterop mixer with large batch capability.  
Suitable for research and development in medical,  
industrial, academic or other fields.

- Powerful mixing capabilities delivered with an acceleration of approximately 400 G created by a revolution speed of 2,000 rpm. Furthermore, Thinky, super mixer, can mix and deaerate simultaneously with one-touch operation.
- The excellent rigidity and durability of revolution section, axis and frames.
- Higher safety by vibration sensors and the lock functions on the cover.
- In spite of a broadened capacity, the size and weight are compact.
- The excellent portability for various applications such as in the medical, industrial and academic fields.
- Standard Speed Change feature. Process and control a wide range of materials and improve the quality.
- Standard Step Mixing feature. 5 steps in one batch cycle can be programmed in each 5 memory slot.

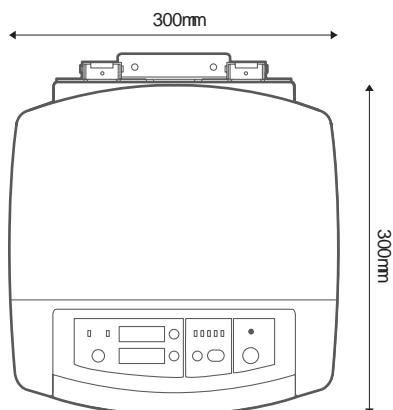
Small and easy to carry  
Controllable  
Revolution speed



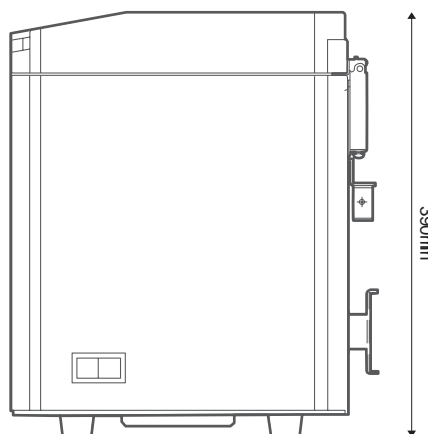
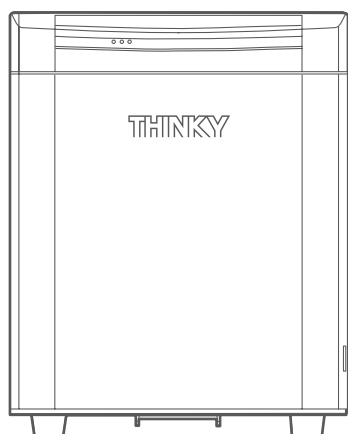
## Planetary Centrifugal Mixer

# Thinky Mixer ARE-250

Wide opening for easy loading




ARE-250 control panel



Standard Accessories

300 ml container	.....	3
150 ml container	.....	1
150 ml container adapter	.....	1

### Controllable revolution speed Planetary Centrifugal Mixer " Thinky Mixer " ARE-250 Basic specifications

Model	ARE-250	Standard container inner volume	300 ml, HDPE 150 ml, HDPE	Operating ambient environment	5 - 35 degrees Celsius 35 - 85% RH (No Dew formation)
Product name	Planetary Centrifugal Mixer Thinky Mixer	Maximum mixing capacity	250ml, 250g (Net weight)	Unit dimensions	H 390 W 300 x D 300 (mm)
System	Planetary propeller-less mixing system	Memory	5 memories (Each memory holds 5 sequential time and rpm steps.)	Unit weight	Approxo 22 kg
Timer setting range	0 seconds, and 10sec to 30 min	Safety functions	Door sensor, vibration sensor, revolution sensor	- Adapters (option) 	
Revolution speed	Mixing mode / 0 rpm, 200 - 2,000 rpm Defoaming mode / 0 rpm, 400 - 2,200 rpm	Power supply	100 V AC +/-10% 50/60 Hz (Unless specified) Power consumption / Standby: approximately 50 VA Operation max .900 VA Specifications for North America, Asia, CE available		
Rotation speed	Mixing mode / 1/2.5 of revolution speed Defoaming mode / 1/36.7 of revolution speed				

- Specification is subject to change without notification.
- Some types of mixing materials may be insufficiently mixed or defoamed (degassed).
- This unit is not designed to be explosion-proof. Do not mix materials that are dangerous or hazardous to humans.
- The mixing results may vary depending on process conditions or materials.

\* Adapters in the photo are examples.  
The syringe adapters (3 ml, 5 ml, 10 ml, 30 ml, 50 ml) are available as options.  
\* For the handling of customer-specific containers, contact Thinky.

- Access to our URL for product information and exhibition schedule

[http:// www.thinky.co.jp / english](http://www.thinky.co.jp/english)

- E-mail inquiry on Thinky Mixer

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Pioneer of planetary centrifugal mixers

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