

NEW

## Cooling System for THINKY MIXER

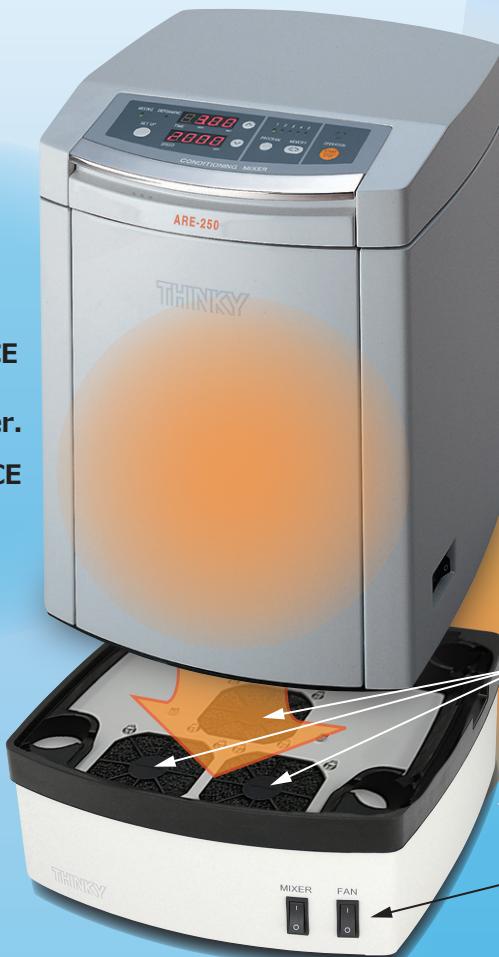
## ENS-10CE

Supported Models: THINKY MIXER ARE-250CE / Solder Paste Mixer SR-500CE

**The powerful DC fan can forcibly remove heat accumulated in the mixer system.**

Using ENS-10CE can lower operational temperture by 10 °C

- THINKY Cooling System ENS-10CE is effective in decreasing temperature by 10 °C in the mixer.
- THINKY Cooling System ENS-10CE is effective in supressing temperature raises in the mixer caused by generation of heat by materials being mixed.
- Interval time for cool-down can be shortened and efficient repeat operation is possible.



Planetary Centrifugal Mixer  
◀THINKY MIXER  
ARE-250CE

Cooling System  
◀ENS-10CE

**On/Off button**  
The ON and OFF button of a mixer power supply are also built into the ENS-10CE.

## Effect of ENS-10CE for repetitive operation

## Example

1

High Viscosity  
Silicone2000 rpm, 5 min  
10 times repeatedly

## Example

2

Medium Viscosity  
Polyimides2000 rpm, 15 min  
15 times repeatedly

## Example

3

Dispersing  
Phosphor into Resin400 rpm, 30 s on 1st step,  
1500 rpm, a few min on 2nd step  
10 times repeatedly

◀SR-500CE

# ENs-10CE is able to suppress the raise in temperature inside of THINKY MIXER during repetitive operation.

Cooling System

ENs-10CE

NEW



## Test Report: Comparison table with and without using ENs-10CE

Test material: Shin-Etsu Silicone, Silicone Fruide KF-96-5,000CS

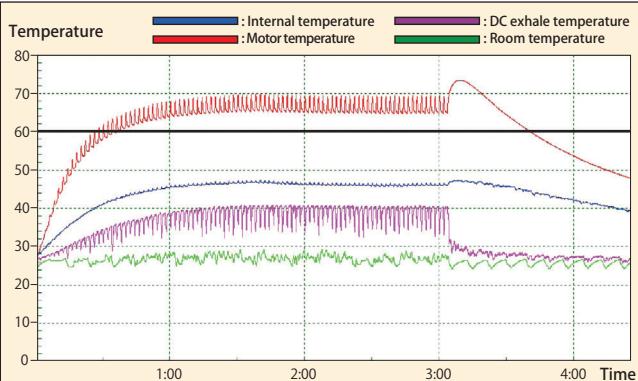
### Results

The effect was proved that temepratures in the mixer were 10 °C less and 11 °C less on the motor.

DC fan OFF

Temperature change of each part of the mixer

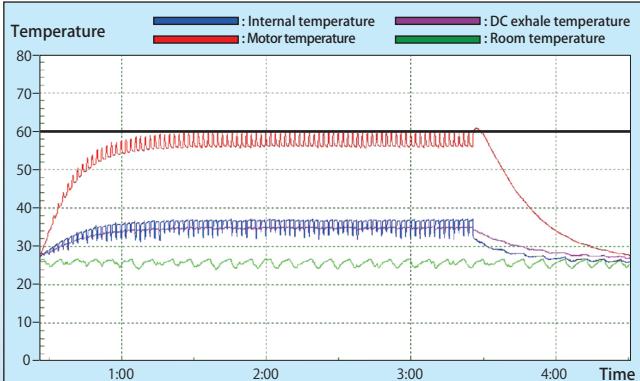
	Power OFF	Average
Internal temperature	43.9 °C	
Motor temperature	61.6 °C	
DC exhaust temperature	34.1 °C	
Room temperature	26.4 °C	



DC fan ON

Temperature change of each part of the mixer

	Power ON	Average
Internal temperature	33.2 °C	
Motor temperature	50.4 °C	
DC exhaust temperature	32.7 °C	
Room temperature	25.7 °C	



### Setting Image



● ARE-250CE



● SR-500CE

### Product Specification

Model	ENs-10CE
Usage	Reduces the temperature in THINKY MIXER
Supported models	ARE-250CE , SR-500CE
Temperature reduction effects	Temperature in the mixer : Reduced approx. 10°C *1
Power supply	Voltage
	Single-phase AC230 V±10 %, 50 Hz
	Power Consumption
Environment	Exhauster: about 40 VA mixer combination: Maximum 900 VA (operation)
Dimension	10 to 35°C, 35 to 85% RH (thing without dew condensation)
Unit Weight	H 145 mm × W 310 mm × D 320 mm
	Approx. 7 kg

\*1: Please contact us for higher specification.

The product appearance and specification may be changed without a preliminary announcement.

## 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, CA92653, USA

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

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

Sales agent

**intertronics**  
adhesives, coatings, sealants & equipment  
for your manufacturing and technology applications  
t 01865 842842  
e [info@intertronics.co.uk](mailto:info@intertronics.co.uk)  
[www.intertronics.co.uk](http://www.intertronics.co.uk)