

Planetary Centrifugal Mixer

THINKY MIXER

SR-500



Optional

Cooling system for THINKY MIXER
Heat discharger table dedicated for planetary centrifugal mixers

ENS-10



Improving Reliability of the SMT Line Solder Paste Mixer

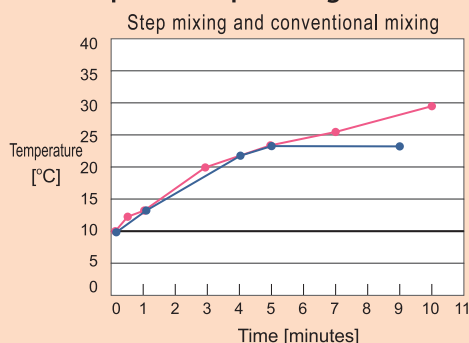
- Capable to mix with uniformity and defoam in just a few minutes
- 5 steps can be registered in each memory to ensure optimal temperature and viscosity adjustment
- Materials from the refrigerator can be mixed and warmed to room temperature in a short time
- Capable to mix and defoam less than 500 g solder paste
- By using an optional adapter, solder paste filled in a syringe can be mixed

Maximum
capacity

680 g

Standard
container

150 ml
resin
container

**SR-500
Mixing****Mix and Deaerate in Minutes.
Control Viscosity and Temperature.****Example of Step Mixing**

- **Step Mixing:**
Program the desired mixing time and speed for each step. It takes 5 steps per batch.

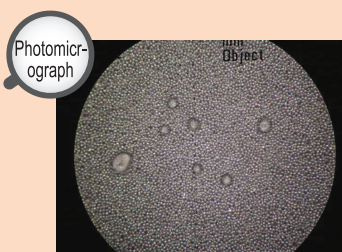
— conventional mixing at 1000 rpm
— SR-500 step mixing



150ml vessel
with 500 g of solder

**Mixing Example**

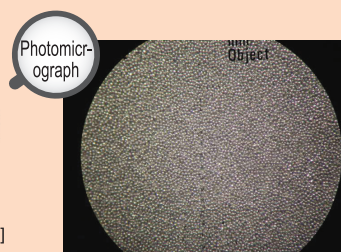
[Mixed by hand]



Bubbles are clearly visible and the solder powder is not homogeneously dispersed.



[Mixed by the SR-500]



Bubbles are terminated and the solder powder is homogeneously dispersed.

Specifications

Product name	Solder Paste Mixer
Model	SR-500
Method	Planetary, propeller-less mixing
Time Setting range	Timer setting range: 0 s to 30 min in 1 s increments
Programming Function	10 memories: STD mode: 5 memories with 2 steps STEP mode: 5 memories with 5 steps
Revolution Speed (rpm)	STD mode (STEP1 1000 rpm fixed, STEP2 500 rpm fixed), STEP mode (0, 200 to 1200 rpm adjustable)
Standard Container*1	150 ml resin container

Max. Mixing Volume*2	680 g
Power Supply	Voltage Single-phase AC 120 V $\pm$ 10 %, 50 Hz
	Power Consumption Approx. 50 VA (standby) Max 900 VA (operation)
Operating Environment	10 to 35 °C, 35 to 85 % RH (without condensation)
Safety Mechanism*3	Lid locking sensor, Lid sensor, Vibration sensor, Speed sensor
Unit Dimensions	H390 × W300 × D340 (mm)
Unit Weight	Approx. 18 kg

*1: Contact us because the actual volume of mixing may vary depending on the containers, materials, and conditions.

*2: Total mass to mount on the cup holder, including materials, containers, and adapters.

*3: Products are shipped and delivered in a locked state. Release the lock before use.

Included Adapters

150 ml vessel adapter (1 included)



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