

## Temperature and viscosity adjustment+deaeration: Processing in only a few minutes

### SR-500 Solder Paste Mixer

150ml	520g 560g	Non-vacuum	150G	Adjustable
Max processing volume	Max processing weight (Net weight) (Gross weight)	Pressure	Revolution acceleration	Rpm

Off-the-shelf 500 g solder paste containers can be set directly into the machine just as they are. By revolving the container at a high speed and rotating at the same time, the SR-500 generates powerful acceleration and convection currents, and carries out mixing and deaeration simultaneously. Solder powder that settled during storage is uniformly dispersed and returns to a near factory delivered high-quality state. In addition, the SR-500 eliminates the fine air bubbles that are believed to cause solder ball scattering. When solder is taken straight from the refrigerator and put into the machine, the ideal temperature and viscosity can be reached in a short time.

#### Features

- Easy and quick. In just a few minutes anybody can make a uniform paste.
- 5 recipe profiles, each with 5-level step mixing, ensure optimal temperature and viscosity adjustment.
- Solder straight from the refrigerator can be used immediately, without returning to room temperature.
- Adjustable weight balance allows mixing of solder paste in less than 500g batches.
- By using an optional adapter, solder paste filled in a syringe can be mixed.
- Off-the-shelf 500 g containers can be spun as they are.



- Dimensions : H380 × W300 × D340 (mm)
- Weight: About. 18 kg
- Max processing volume:  
150 ml / 520 g (net)  
150 ml / 560 g (gross, Excluding adapter)



CE-Certified model  
Product name: SR-500 CE



● Container holder,  
Balance adjustment dial



● Control panel



● Accessories:  
Container, Adapter

## Solder Paste Mixer



## Planetary Centrifugal Mixer

## SR-500

Mode	SR-500			
System	Rotation/revolution no-blade mixing			
Operation Time Setting	Timer setting range: 0 s to 30 min in 1 s increments			
Continuous Operation Time	Max 30 min			
Programming Function	10 recipe profiles: STD mode: 5 recipes with 2 steps STEP mode: 5 recipes with 5 steps			
Revolution/ Rotation Speed (rpm)	Mixing Mode	Revolution: STD mode [STEP1 1000 rpm fixed, STEP2 500 rpm fixed], STEP mode (0, 200 to 1200 rpm adjustable) Rotation: Approx. 1 : 3 revolution-to-rotation ratio		
	Deaeration Mode	_____		
		Max Processing Volume	Non-vacuum Condition	With a 150 ml container: 150 ml / 520 g (net*) 150 ml / 560 g (gross*, Excluding adapter)
			Vacuum Condition	_____
		Vacuum System		_____
		Ultimate Vacuum		_____
		Vacuum Trap Connection		_____
		Vacuum Pump Capability		_____
		Power Consumption		Voltage: Single-phase AC 120/230 V ± 10 %, 50/60 Hz Power consumption: Approx. 50 VA (standby) Max 900 VA (operation)
		Operating Environment		10 to 35 °C, 35 to 85 % RH (Ensure no water condensation)
		Safety Mechanism		Lid locking sensor, Lid sensor, Vibration sensor, Speed sensor
		Transport Locking Mechanism <sup>**3</sup>		1 on the internal rotation body surface and 1 on the rear
		Others		_____
		Unit Dimensions		H 380 × W 300 × D 340 (mm)
		Unit Weight		About. 18 kg
		Accessories 1		Instruction Manual × 1, AC cable (Including 3P adapter) × 1, 150 ml container × 3, Adapter for HDPE 150 ml container × 1 (including 1 O-ring) Silicon rubber sheet × 1, O-ring for fine adjustment × 1
		Accessories 2		1 metal fitting is attached to the unit rear to release the lid lock, in case of power failure.

\*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 use.

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## Line of Products

