



SR 500
THINKY MIXER

POLY DISPENSING SYSTEMS

SYSTEMES DE DOSAGE INDUSTRIEL

Features

- Can immediately prepare cold stored solder paste without bringing it back to room temperature
- By optimizing the mixing recipe, viscosity preparation and temperature preparation for solder paste is easy.
- Removes large air bubbles in the paste, which are considered the cause of solder paste defects.
- Handles commercial 500g solder paste containers as is
- Restirs and redisperses solder paste that has been used
- Supports solder paste in syringes by using the optional adapter

Thinky SR-500

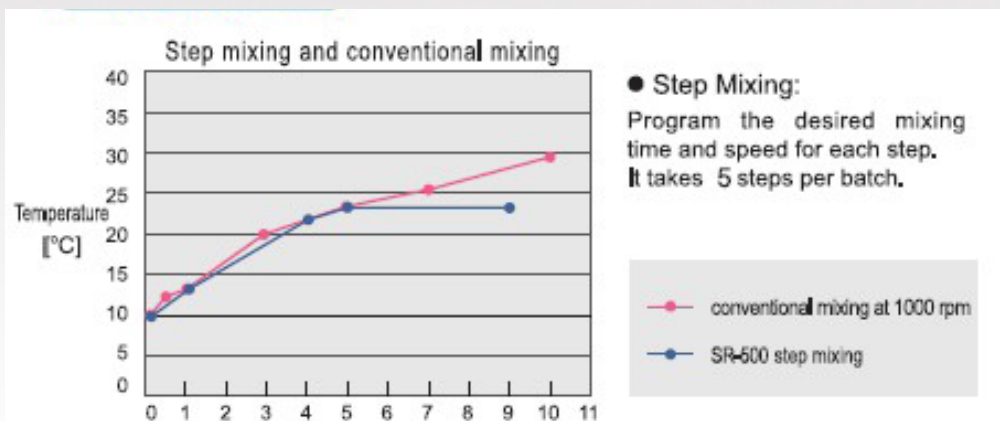
- Planetary Centrifugal Mixer provides solder vessel rotation on its axis and resolution around the mixer axis to produce powerful acceleration, ensuring simultaneous mixing, dispersing and deaerating. The resulting homogeneous dispersion of the solder powder produces not only a high quality solder but also removes even the smallest bubbles, which could cause solder paste splatter.
- Refrigerated solder reaches the ideal temperature quickly and can be used immediately. This eliminates condensation and reduces in the time waiting for solder to its working temperature.
- Standard 500g solder containers can be loaded into the mixer directly
- 5 level step mixing (speed and time) allows control over viscosity and temperature
- It provides uniform paste consistency regardless of operator skill
- Weight balance controls allow mixing of solder paste less than 500 g in weight

Specifications

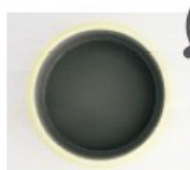
Planetary Centrifugal Mixer Thinky Mixer SR-500 Basic Specifications

Model	SR-500
Product name	Planetary Centrifugal Mixer Thinky Mixer
System	Planetary propeller-less mixing system
Timer setting range	0 seconds and 10sec to 30 min
Revolution speed	Max 1200rpm STD Step 1 Fixed 1000 rpm Step 2 500rpm STEP : Drpm, 200-1200rpm
Rotation speed	MMax 400 rpm Follows 1/3 of resolution Speed
Maximum mixing capacity	150 ml
Memory	5 memories (Each memory holds 5 sequential time and rpm steps)
Maximum mixing mass	500g (NET)
Upperlimit using a 300 ml container	15ml, 500g (NET) 150ml, 560g (GROSS) *adaptor excluded
Power Supply	Single Phase AC 100V+/-10 50 Hz / 60Hz Power consumption Standby : approx .50VA Operating : max.900VA
Operating Condition	Indoor use only, Elevation value within 2000m. Pollution degree 2
Operating Environment	10-35 °C 35-85 % RH (Non-condensation)
Dimensions	H380 xW300x D340 * [mm] (Freight Locks included : D365 mm)
Weight	Approx, 18 kg

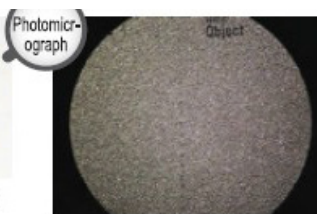
SR-500 Mixing



150ml vessel
with 500 g of solder



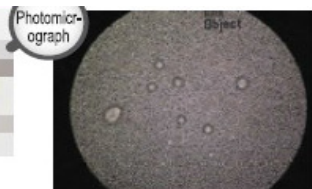
[Mixed by the SR-500]



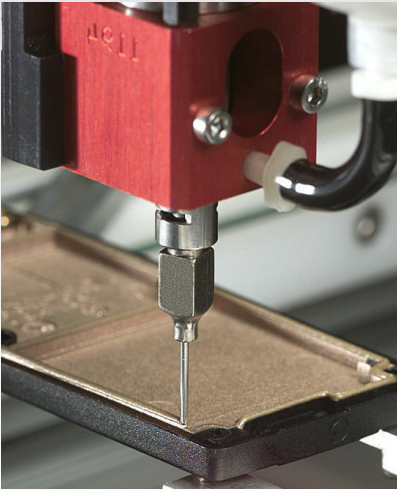
Bubbles are terminated and the solder powder is homogeneously dispersed.



[Mixed by hand]



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



PDS S.A.S is a french company that commercializes a wide range of dosage equipments, proven and effective.

Distributed in over 20 countries around the world, these equipments provide tailored solutions to many users in order to improve technically their manufacturing and reduce their productions costs.

Our collaborators and sales engineers all have a strong technical competences. They are able to answer your questions and offer you, after analysis, the right solution for your particular need

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- NON CONTRACTUAL DOCUMENT -

POLY DISPENSING SYSTEMS

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