

SOLDER DROSS SEPARATOR SDS-10MS



Solder dross separator SDS-10MS has Patent mixing and separation system which make separation more efficient and easier for operation, it is a best solution for small batch solder dross separation.

Features

1. Compact size ,all stainless steel for machine casing makes machine look beautiful and maintenance easy .
2. Solder pot is made of corrosion resisting SUS 316 material with long service life.
3. Uses “U” shape heater covered cast iron heating plate, which can avoid deformation.
4. Patent mixing and separation system improve separation efficiency .
5. Machine will alarm when Separated pure tin goes into a cabin and reaches to certain volume to indicate discharging tin.
6. Machine is equipped with 2 sets of molding tray , convenient for exchange
7. Separated tin ash goes into collecting box, convenient for taking out.
8. OMRON temperature controller and SSR relay ensure accurate temperature control and long service life.
9. Equipped with earth leakage protection for safety .

Technical Specifications

Item	Parameter
Mixing motor	1φ 220V 90W
Feeding port capacity	<10KG Dross
Mixing Capacity of Bottom Tin	70KG
Temperature range	RT+10-350
Heating-up time	60MIN

Item	Parameter
Separating speed	Continuous 15kg/60min
Dimension (including handcart)	L700mm*W1000mm*H1050mm
Total Power Consumption	4.3KW
Normal running power	1.2KW
Power	1φ220V 60Hz
Net Weight	Appro*110kg

Return On Investment

Normally the wave solder dross yield generated changes according the temperature of solder pot; the quantity of soldered PCB; the width of PCB; the in-time solder adding and the wave nozzle's design. Every day one wave solder machine will generate about 3 kg of dross in 8 hours of machine running.

1 wave solder 8 hours running 3 kg dross = 3 kg x \$US30 = \$US90
 80% CAN BE SAVED/recycled \$US90 x 80% = \$US72

The separating capacity of SDS-10MS is 10kg/hour ,it can accomodate for more than 10 wave solder machine.

So less than 100 days (USD7200), customer can get the investment back. Meanwhile, machine do not need any other chemical, it's separating in physical way, solder can put back to pot immediately.