

Dross separator – SEPARO

The "SEPARO" slag separator was developed to isolate the oxides that inevitably form during wave soldering or in a tin bath. It separately releases the alloy on one side in the form of ingots and the oxides intended for removal.

The system works with both lead and lead-free alloys.

The SEPARO exploits the differences in density of materials. Indeed, the alloy (heavier) is deposited on the bottom of the SEPARO tank by passing through an appropriate metal filter, this one retaining the oxides or slag which are lighter floating on the surface of the molten assembly.

The tin is then collected in ingot molds via the machine's drain valve and can be reused again.

The processing capacity of SEPARO is of 10 to 15 kg of alloy. This can be introduced into the machine either in fusion or at room temperature.

The duration of a cycle is around 30 to 40 minutes.

The absence of added chemicals ensures the purity and reuse of the alloy.



The use of a single SEPARO in a line comprising a wave or selective wave machine allows a very rapid ROI.

Some advantages:

- ✓ Recovery of 40 to 70% of pure alloy
- ✓ Quick ROI
- ✓ Compliant to environmental quality standards

Technical data	
Mains supply	230 V
Power	2 kW
Tin capacity	25 kg
Empty weight	13 kg
Dimensions	460 x 630 x 260 mm