

EVS by SONO•TEK

Solder Recovery System Product Specifications

- Saves up to 50% in solder costs
- Reduces dedrossing time by up to 85%
- Rapid payback on purchase price within months, not years
- Recovers 50-80% pure solder by weight from solder dross — reduces solder usage in the wave soldering process by 50%
- Lead-free compatible
- Low running costs: only single-phase 220V and a standard air line
- Self-contained process avoids excessive handling of heavy, dirty dross, and greatly reduces storage and transportation
- Operates with an integral filtration system, eliminating smells and fumes
- Uses no chemicals or additives
- Reduces dross off-site by up to 80%; recovering waste material on-site, at the point of manufacture helps the environment

Turns dross into dollars – make a rapid return on your investment.



PHOTO DEPICTS EVS10K



Because the EVS recycles on-site, it makes a significant contribution to attaining and retaining ISO 14001.

WORLD LEADERS IN SOLDER RECOVERY

SONO•TEK Corporation



ISO CERTIFIED

EVS by SONO•TEK

The Process:

The EVS Solder Recovery System is a patented process that uses heat and pressure inside a magnetized cylinder to separate and return your pure solder into the ingot tray. The remaining solder-depleted material is automatically ejected down a sealed chute into the dross bucket.

Quality Facts:

Hundreds of solder analyses prove that the recovered solder exactly meets the same specifications as the solder in your solder pot. This has been documented by solder manufacturers and confirmed by the International Tin Research Council.

Support:

EVS by Sono-Tek is supported directly by Sono-Tek for systems in the US and Canada. We provide the same industry recognized high level of support and technical expertise to the EVS system as we do for our spray fluxing equipment; www.sprayfluxing.com.

EVS Solder Recovery System Turning Your Waste Into Dollars



1. DROSS WITHOUT USING EVS

2. DROSS AFTER USING EVS

3. SOLDER AFTER USING EVS

RECYCLED SOLDER PLACED BACK INTO YOUR WAVE!

SOLDER RECOVERY SYSTEM SPECIFICATIONS

Specification:

Constructed mainly from stainless steel and cast grey iron, and controlled by integral software with LCD service prompt

Total System Weight: 330 lbs (150 Kg)

Dimensions: L: 44.9" (1140mm) x W: 19.7" (500mm, 680mm for high capacity filtration) x H: 39.7 (1010 mm)

Service Requirements:

Line Power: 210 - 240 V AC, 50/60 Hz single phase, 2.2 KVA

Compressed Air: 95 psi (6.5 Bar) @2 cfm (3.4 m3/h)

Capacities:

	EVS 8K	EVS 10K
Leaded Dross Input	22 lbs / 10 kg	44 lbs / 20 kg
Lead-free Dross Input	14 lbs / 6 kg	28 lbs / 12 kg

Certifications:

CE Approved

Safety Features:

- Emergency stop
- Automatic cover open cut out
- Tray lock
- Additional temp control for heaters
- Air knife
- New filter option (machine will not run if filter is blocked or turned off)
- Automatic over-temperature cut out
- Fully protected circuits
- Hopper loading lock
- Visual light stack
- Pull out tray for solder ingot tray
- Pull out tray for filter box & dross bucket

Filtration:

Standard and high-solids systems are available. Both systems have a new light warning system indicating when filters need to be replaced.

Options:

- Upgrade to lead-free
- Extra solder ingot trays available to facilitate multi-wave use
- High capacity filtration system (for high-solids content flux)

SONO•TEK Corporation
industry's leader in spray fluxing

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