

# EVS 1000

**EVS International**  
World Leaders in Solder Recovery

## Solder Recovery System

>>> Turns Dross into Dollars



The EVS 1000 is a smaller, lighter version of the popular EVS 7000 and EVS 9000, with all of the recovery performance of the standard and lead-free solder units. The smaller size and footprint help reduce the cost, but still provide a capacity of 10lb/5kg of dross, giving a rapid payback and impressive return on capital.

The EVS 1000 can quickly convert waste dross into pure solder in minutes not hours, while improving the wave solder machine process. This provides a cleaner wave with less maintenance, less downtime, and a reduction in shorts and bridging as well as the potential to discontinue the use of messy wave oils and/or dross reduction powders.

The EVS 1000 is aimed at small to medium users who typically have one to three wave solder machines and who must regularly dedross or use nitrogen to reduce drossing. This group currently comprises the majority of users in the industry. By using the EVS, nitrogen can be dramatically reduced or eliminated, resulting in significant cost savings.

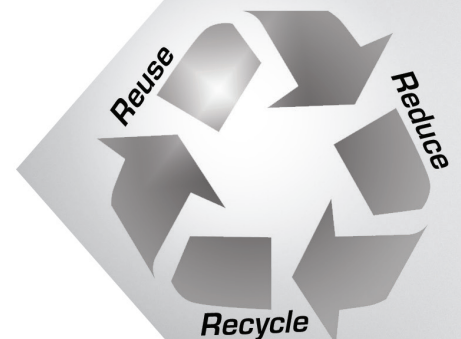
With the EVS 1000 you can eliminate the use of dross reducing powders and wave oils, putting pure cleaner solder back in to the solder pot.

>>> What You Put in is What You Get Back

*Hundreds of laboratory analyses have shown that the quality of solder recycled with the EVS Solder Recovery System is exactly the same as the quality in the solder pot.*



# ISO 14001



Some of the benefits of the EVS 1000 solder recovery system

- Saves up to 50% in solder costs.
- Reduces dross off site by up to 70%.
- Reduces de-drossing time by up to 85%.
- Recovers 50-70% pure solder from dross.
- Self-contained process reduces handling of dross.
- Uses no chemicals, additives or toxic substances.
- ISO 14001-EVS helps you attain & retain accreditation.
- Improves wave solder machine effectiveness by reducing shorts. Less rework = more profit.
- Cleans up your process. No need for dross-reducing powders or wave oils.

Available in two forms: Standard Lead Solders & Lead-Free Solders

TURN DROSS INTO DOLLARS / RAPID RETURN ON INVESTMENT / LEAD-FREE COMPATIBLE

**EVS — SO SIMPLE YOU WILL HARDLY BELIEVE IT - SO EFFECTIVE YOU HAVE TO!**

**THE PROCESS:** EVS Solder Recovery System and its patented process uses heat and pressure inside a magnetized cylinder to separate and return your pure solder into the ingot tray. The remainder of the material is automatically ejected down a sealed chute into the dross bucket.

**THE QUALITY FACTS:** Hundreds of solder assays prove that the recovered pure solder is exactly the same specification as the solder in your WSM pot. This has been authenticated by the solder manufacturers and confirmed by the International Tin Research Institute. Please look at SOLDER QUALITY on our website.

**SUPPORT:** EVS International supports its product through 24-hour availability of spares and service and by partnering with quality distributors who all have trained technicians and comprehensive spares stockholding.



DROSS WITHOUT USING EVS

DROSS AFTER USING EVS

SOLDER AFTER USING EVS

<b>EVS 1000 SPECIFICATIONS:</b> EVS is constructed mainly of stainless steel and cast grey iron and is controlled by integral software with LCD service prompt.	
<b>TOTAL SYSTEM WEIGHT:</b> 120 Kg	
<b>DIMENSIONS:</b> Height 1000 mm Length 1000mm Width 450mm	
<b>SERVICE REQUIREMENTS:</b>	
Line Power:	210 / 240 volts AC 50/60 Hz Single phase 1.2 KVA
Compressed Air:	88 psi / 6 kg/cm <sup>2</sup> @ 3.4 cu metres/hr or 2 cu ft/min.
<b>CAPACITIES:</b>	
Dross Input	5 Kg / 10 lbs
Solder Output	4 Kg / 8 lbs
<b>FILTRATION:</b> The integral fan/filtration unit contains four separate filter medias and is effective down to 1 micron.	
<b>SAFETY FEATURES:</b> Includes emergency stop, automatic over temperature cut out, fully protected circuits, tray lock, hopper loading lock, visual light stack, air knife and CE approval.	
<b>OPTIONS:</b> Extra solder ingot trays to facilitate multi wave use.	



Pull out filter box for easy filter replacement



Web Site: [www.solderrecovery.com](http://www.solderrecovery.com)

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YOUR LOCAL DISTRIBUTOR: