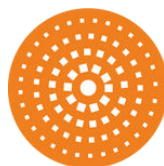


SV540

Vapour Phase Reflow Furnace for Prototype and Small-Series Production



PYROX

DIVISION ELECTRONIQUE

IBL

+ TECHNICAL

Optimal soldering quality.

+ FINANCIAL

The most cost-effective solution on the market.

+ ECO-FRIENDLY

Environmentally friendly.



The **SV540** model featuring **separate loading and vapour chambers**. Its compact footprint allows for easy and fast use. The machine is therefore perfect for small-series production. Components such as QFPs, BGAs, Flip-Chips and hybrids are soldered flawlessly with **optimal soldering quality**. This furnace includes a fluid **filtration system** and can be connected to an **extraction system** to remove soldering odours.



General

- Large capacity front loading
- Small footprint
- Dual-chamber design for low consumption
- Soldering without oxygen or additional nitrogen gas
- No overheating of assemblies
- No temperature differential between components of different masses



Options

- Adapter for double-sided PCB reflow
- ReSy: repair tooling for QFPs and BGAs
- Stainless steel grid for loading basket
- Self-contained cooling unit
- TE option for external connection of a temperature profile recorder
- Profiling system with USB port



Features

- User-friendly control with touchscreen
- Manual loading/unloading
- Integrated ventilated cooling system
- Automated reflow process
- Adjustable automatic soldering
- Energy management system
- Observation window on process chamber
- Automatic fluid filtration
- Integrated exhaust system



Technical Specifications

- Maintenance-free transport system (patented)
- Low fluid consumption with dual-chamber design and fluid recovery
- Easy access to the process chamber
- Memory for up to 16 programmes
- Easy profile recording option

Technical data*	Overall length	Width	Height	Weight	Maximum board size	Heat transfer fluid capacity	Water connection	Maximum heating power	Power consumption	Electrical supply	Main fuse
SV 540	1450 mm	800 mm	1400 mm	340 kg	540 x 360 x 85 mm	13 kg	½" / 2,5-5 bar / 2 l/min	5,2 kW	2,8 kW/h	230/400 VAC, 50/60Hz	16 A, Typ "gL" ou "C"

*subject to technical modifications



Let's innovate together to reinvent today's materials and discover tomorrow's.

AET GROUP

73D rue Général Mangin
38100 Grenoble - FRANCE

sales@aet.group
+33 (0)4 76 90 41 18