

SV540

Leading in Vapor Phase Technology

IBL

Economy Vapor Phase Soldering Machine for Individual and Series Production



The Machine

The SV540 reflow vapor phase soldering machine is perfect for small to mid volume production. It can solder BGAs and LGAs and MID units. The machine has a small footprint, a fluid filter system and can be connected to an exhaust or small filter system to remove solder odors.

Overview

- Powerful front loader with small footprint
- 2-chamber design for low consumption
- Oxygen free soldering
- No overheating of components
- No ΔT 's throughout the assembly

Standard Equipment / Specification

- Comfortable operation with touch screen
- Manually carrier in- and output
- Integrated cooling fan for board cooling
- Fully automatic solder cycle
- Adjustable solder automatic
- Energy management system
- Automatic liquid filtering
- Observation window to process chamber
- Integrated exhaust system

Special features

- Maintenance-free transport system (patented)
- Easy access to process chamber
- Low fluid consumption with 2-chamber design and fluid recovery
- Program memory up to 16 programs
- Easy profil recording option

Options

- Adapter for double sided PCB boards
- Stainless steel grid for the workpiece carrier
- TE-Option (2 channels) for external profile monitoring
- ReSy, a device for repair of QFP's and BGA's
- USB profiling system
- Closed-loop-chiller

Technical Data	SV540
Length (over all)	1450 mm
Depth	796 mm
Height	1450 mm
Weight	330 kg
Max. board size	540 x 360 x 80 mm
Liquid agent filling	10 kg
Water connection	1/2" / 2,5-5 bar / 2 l/min
Max. heating capacity	5,2 kW
Ø power consumption/h	2,8 kW/h
Power supply	230/400 VAC, 50Hz
Main fuse	16 A, Typ "gL" or "C"

- Technical changes reserved -

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