

Reflow Vapor Phase Machine

For Laboratory and Mini Series Production

MiniLab



The **MINILAB** vapor phase machine is characterized by its **compact design** and the **easy handling**. Her element, the mini series production, she masters bravely and guaranteed at the same time **highest solder quality**. Especially she was designed for development and prototype production as well as for soldering BGAs and LGAs. Due to its **small footprint**, it's quickly ready for use.

- ✓ *SD card slot*
- ✓ *Touchpanel*
- ✓ *Fully automatic solder cycle*
- ✓ *Energy management system*
- ✓ *Solder automatifc*
- ✓ *Medium level check*
- ✓ *Observation window to process chamber*



Overview

- Table-top unit with top loading
- Suitable for BGAs, stacked packages
- Oxygen-free soldering
- No overheating of components
- No ΔT 's throughout the assembly

SPECIAL FEATURES

- Maintenance-free transport system (*patented*)
- *Patented* flash-lock to process chamber while loading and unloading
- Program memory up to 16 programs
- Easy profil recording option



Options

- Adapter for double sided PCB's
- ReSy, a device for repair of QFP's and BGA's
- Stainless stell grid for the workpiece carrier
- Closed-loop-chiller
- TE-Option for easy profile monitoring
- Optional PC-Software for extended Monitoring of solder profiles

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Technical data	MiniLab
Length (over all)	715 mm
Depth	560 mm
Height	610 mm
Weight	70 kg
Max. board size	304 x 274 x 80 mm
Medium agent filling	3 kg
Water connection	1/2" / 2,5-5 bar / 1 l/min
Max. heating capacity	1,8 kW
Ø power consumption/h	0,8 kW/h
Power supply	230 VAC, 50/60 Hz, 2 KW
Main fuse	16 A, Typ "gL" or "C"

- Technical changes reserved -