

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.



- √ Fully automatic solder cycle
- √ Energy management system
- √ Solder automatic
- √ 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



Options

- Adapter for double sided PCB's
- ReSy, a device for repair of QFP's and BGA's
- Stainless steel grid for the workpiece carrier
- Closed-loop-chiller

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Technical data	MiniLab
Length (over all)	730 mm
Depth	600 mm
Height	600 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 -