

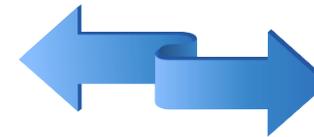
Reflow Vapor Phase Machine

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

Reflow Vapor Phase Machine

For Laboratory and Mini Series Production

MiniLab

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 -