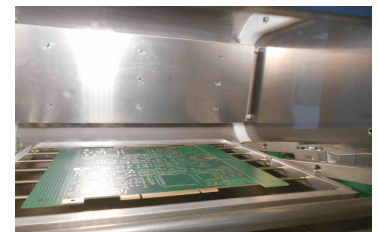
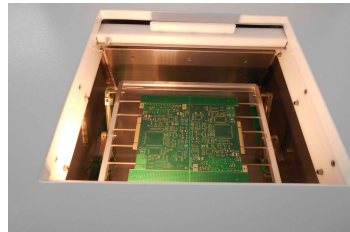
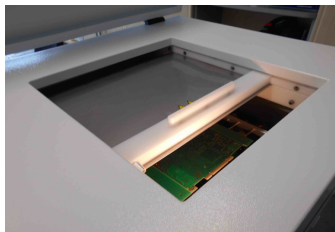


## Economy Reflow Vapour Phase Soldering Oven

The MINILAB is an automated table top reflow soldering machine in which the heat is transferred by condensing vapour. The system is compliant for profiling with standardized manufacturing specifications without the necessity of program or parameter set-up. Thanks to the low soldering temperature and homogeneous heat transfer, the thermal stress on soldering assemblies is kept at the minimum. Together with its simple and safe soldering process this unit is ideal for the use in the development and prototyping. This entry system is a manual top loader, includes standard soldering profiles and is easy to move. Soldering is possible regardless of assembly weight.



### Features:

- Oxygen free soldering without overheating of components
- Patented maintenance and vibration free transport system
- Patented closure of the solder chamber during the load and unloading process
- Fluid recovery system
- Illuminated window into the process chamber
- Patented automatic or time-controlled soldering process
- 5" HMI touch panel
- Several steps within a program
- Program storage including standard soldering profiles
- SD slot for storing of profiles and machine data
- Easy maintenance

### Options:

- Adapter for double sided PCBs
- Stainless steel grid for work piece carrier
- Measurement channel for thermal profiling
- ReSy – a device for repair of QFP's and BGA's
- External cooling device

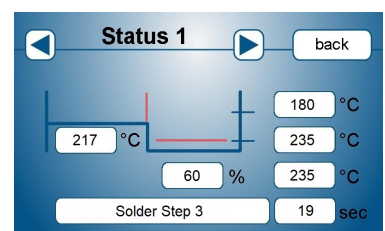
### Technical data:

Width	715 mm (28.15")
Depth	625 mm (24.61")
Height	580 mm (22.83")
Weight	70 kg (154.32 lbs)
Max. PCB size	304 x 274 x 80 mm (11.97 x 10.79 x 3.14")
Max. load on single carrier	2 kg (4,41 lbs)
Liquid agent filling	3 kg (6,61 lbs)
Water connection	1/2" / 2,5-5 bar
Max. heating capacity	1,8 kW
Average power consumption	0,8 kW/h
Power supply	208-240 VAC, 50/60 Hz
Main fuse	16A „gl" or „C"

\*\*\*Specifications subject to change without prior notice\*\*\*



Main menu



Online temperature monitoring



Online profile recording

D1E11-MINILAB-E-210719