

Professional batch reflow oven HR-10LF



DESCRIPTION

Industry 4.0 ready, Bluetooth communication

IR + convection heating.

- Android application for connecting to Tablet or Smartphone
- 100 various users programs
- Solder dumps exhaust integrated inside reflow chamber

Oven description: Benchtop Reflow oven with IR and convection heating. Forced hot-air convection ensures uniform temperature profile in whole chamber. After door opening are cooling fans switched on and cool-down soldered PCB quickly.

Manipulation:

Connect oven to electrical power and dump exhaust to exhaust system. After first switch-on oven is searching for paired Tablet or Smartphone. When both are connected in Android App you choose programming of oven. Here are programmable temperature and time of preheating as well as temperature and time for soak

and other data. When oven is already programmed user can control process with buttons and display on front panel. There is acoustic signal started when reflow process is over. The same signal is appeared in Tablet/Smartphone. Android application displays process status, time and temperature or other info. Application for IOS systems is planned.

Technical Data:

Power supply	230 V, 50 Hz
Energy consumption	3500 W
Current consumption	max 20A
Heating units	4 x 1000 W linear radiant heaters
Amount of profiles	98
Max temperature	270 °C
Max drying temperature	150 °C
Max preheating time	999 s
Max reflow time	999 s
Max drying time	9999 min
Workspace dimensions	320 x 220 mm
Grid tray dimensions	360 x 220 mm
Oven dimensions (l x w x h)	505 x 305 x 340 mm
Cover degree	IP 30
Weight	16.5 kg