PHNK

Nano Preheater Set



Reduce the risk of thermal shock while reworking

It is the best solution for **rework on small PCBAs, such as the once commonly used in smartphones**. It features a heating area of 108 x 70 mm / 4.25 x 2.75 in and two TC connections.

Matchless reliability in temperature accuracy and control of the PCBA so that no component is damaged.

The Preheater can be operated easily and conveniently via the intuitive menu navigation.

It features three work modes:

Power Mode allows working at a fixed power level with the option of using protection thermocouple.

Temperature Mode keeps the PCBA at a selected temperature, using the regulation thermocouple and, optionally, protection thermocouples.

Profile Mode allows control of the heating rate of the PCBA by the use of a control and protection thermocouple, without exceeding the recommended limit levels in each application. It features 22 customizable profiles.

Two thermocouple can be connected in any of the three work modes.

PSN Nano PBC Support is perfectly adapted to any type of PCB by means of its many adjustable components and its 3 adjustable clearance positions 28, 50 or 70 mm / 1.1, 2 or 2.8 in.

By means of JBC Software, the Preheater can be synchronized with other JBC Hot Air, Soldering Stations as well as Fume Extractor equipment in order for them to work jointly and to perform your rework process optimally.

Don’t believe us...
TRY IT!



REFERENCES

PHNE-9KA 100 V
PHNE-1KA 120 V
PHNE-2KA 230 V

PRODUCT COMPOSITION

1 Heater unit
1 Console
1 PSN Nano PCB Support
2 PH218 Thermocouple Type K
1 PH217 Kapton tape

SPECIFICATIONS

Temperature range	50 to 250 ºC / 120 to 482 ºF
Heating area	108 x 70 mm / 4.25 x 2.75 in
Temperature measurement	Thermocouple type K
CONNECTIVITY	
USB-B (rear)	Software PC
USB-A (front)	Firmware update (Graphics management)
Aux	Console connection
Pedal	Connect a pedal (ref.P-005) to control the heater.
ESD/EOS	
ESD safe	
POWER SUPPLY	
Maximum power	300 W
JBC-Set temperat. profiles	3 profiles (2, 3 or 4 steps)
User profiles	22 (up to 6 steps for each)
Maximum work time	600 min or indefinite
DIMENSIONS AND WEIGHT	
PreHeater	179 x 165 x 42 mm / 3.10 kg. 7.05 x 6.50 x 1.65 in / 6.83 lb.
Package	280 x 280 x 164 mm / 4.20 kg. 11.02 x 11.02 x 6.46 in / 9.26 lb.