

JBC PHNK

Nano Preheater Set

JBC

Product Application Map



Reduce the risk of thermal shock while reworking

It is the best solution to **rework small PCBAs, such as the ones 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 22, 45 or 65 mm / 0.86, 1.77 or 2.55 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.

If you require any further information, feel free to contact us

**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

Operating temp. range	10 - 50 °C / 50 - 122 °F
Temperature range	50 to 250 °C / 120 to 482 °F
Heating area	108 x 70 mm / 4.25 x 2.75 in
Temperature measurement	Thermocouple type K
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
ESD/EOS	
ESD safe	
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.
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.

PHNK - Nano Preheater Set

- Printed matter
- Price list
- Why buy JBC
- Tech Area
- Improving tips life
- Repairing process
- Desoldering process
- JBC Most Efficient Soldering System and the Intelligent Heat Management
- Product registration
- F.A.Q
- General questions
- Product specifications
- Maintenance & repair
- Consumables
- Soldering temperatures
- Cleaning tips
- RoHS Declaration
- Media
- Logos
- Videos
- High resolution images
- Discontinued Products
- Customer Area
- Customers & Suppliers Link
- Payment Link
- My Account

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CONNECTABLES



RWT-B

Adjustable Rework Arm (w/o Base)



RHN-A

Right Hand Support Set for PHSK



RHT-A

Right Hand Support (w/o base)



HRL-A

Rework Left Hand Support



HRR-A

Rework Right Hand Support

Accessories



P-005

Pedal



P-405

Pedal for Nano Rework Station

Consumables



PH223

Thermally Conductive Tape 25 mm



PH222

Thermally Conductive Tape 50 mm