

JBC PHNE

for PCBs up to 11 x 7 cm / 4 x 3"

Indispensable for avoiding thermal shock on multilayer PCBs while reworking.

It is a complete 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.

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

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.



**Don't believe us...
TRY IT!**



REFERENCES

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

PRODUCT COMPOSITION

- 1 [Instruction Manual](#)
- 1 Heater unit
- 1 Console
- 2 [PH218 Thermocouple Type K](#)
- 1 [PH217 Kapton Tape](#)

SPECIFICATIONS

Peak power	300 W
Selectable temperature	50 to 250 °C / 120 to 482 °F
Heating area	108 x 70 mm / 4.25 x 2.75 in
Type K TC connector	2 for Control & Protection
Profiles	20 (up to 6 steps for each)
Set temperature profiles	3 profiles (2, 3 or 4 steps)
Maximum work time	50 min or indefinite
ESD safe	Meet ANSI/ESD S20.20-2021
USB-A	Firmware update Graphics and profiles
USB-B	PC communications
Robot connector	Remote control
Aux. connector	Console connection
Pedal connector	Connect a pedal (ref. P-005) to control the heater

WEIGHT AND DIMENSIONS

PreHeater Unit	179 x 165 x 42 mm / 1.20 kg. 7.05 x 6.50 x 1.65 in / 2.65 lb.
Package	280 x 280 x 164 mm / 2.30 kg. 11.02 x 11.02 x 6.46 in / 5.07 lb.

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CONNECTABLES

RWT-B

Adjustable Rework Arm

RWS-D
mm)

Adjustable Rework Arm for PHSE (Base 270x410



PHN-SA

Support for PCBs up to 11 x 7 cm / 4 x 3 in

Accessories

P-005

Pedal



P-405

Pedal for Nano Rework Station

Consumables

PH223

Thermally Conductive Tape 25 mm



PH222

Thermally Conductive Tape 50 mm