TECHNICAL DATA SHEET

PHBEK Preheater Set for PCBs up to 36 x 28 cm / 14 x 11"

Indispensable for avoiding thermal shock on multilayer PCBs while reworking

Its composition, **Preheater and PCB Support** , is a complete solution to **rework medium / large PCBAs, such as the ones commonly used in laptops or PCB panels** . It features a heating area of 360 x 277 mm / 14.2 x 10.9 in. and four TC connections.

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

It features three work modes:

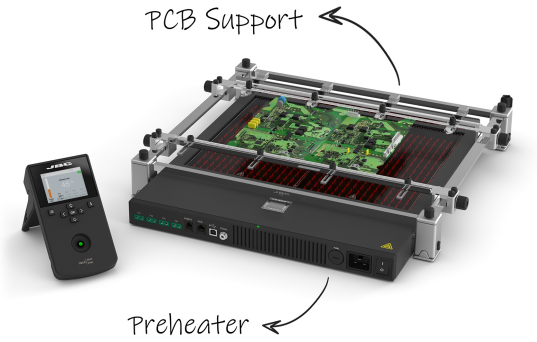
Power Mode allows working at a fixed power level with the option of using protection thermocouple.

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 25 profiles of temperature.

Up to four thermocouples can be connected in any of the three work modes.

PHBS Support is perfectly adaptable to any type of PCBs by means of its many adjustable components and its 3 adjustable clearance positions 28, 38 or 48 mm / 1.1, 1.5 or 1.9 in.



REFERENCES

PHBE-1KB - 120 V
PHBE-2KB - 230 V
PHBE-9KB - 100 V

PRODUCT COMPOSITION

1 - Instruction Manual
1 - Heater unit
1 - PHBS Support for PCBs up to 36 x 28 cm / 14 x 11 in
1 - Console
2 - PH218 Thermocouple Type K
1 - PH217 Kapton tape

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SPECIFICATIONS

Peak power	1800W (120V & 230V) 1400W (100V)
Selectable temperature	50 to 250 ºC / 120 to 482 ºF
Heating area	180 x 277 mm / 7.1 x 10.9 in - 1 zone 360 x 277 mm / 14.2 x 10.9 in -2 zones
Type K TC connector	4 for Control & Protection
Profiles	22 (up to 16 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

Control Unit	426 x 444 x 41 mm / 9.70 kg 16.77 x 17.48 x 1.61 in / 21.38 lb
Package	705 x 625 x 365 mm / 15.65 kg 27.76 x 24.61 x 14.37 in / 34.50 lb