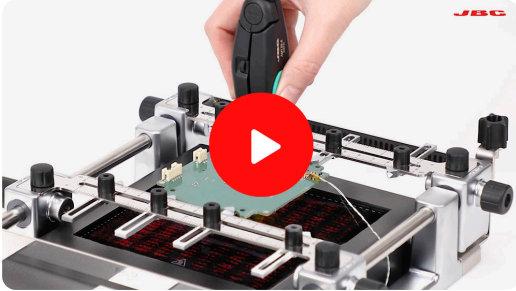


**JBC PHSE**

for PCBs up to 13 x 13 cm / 5 x 5"



Discover PHSE



### Indispensable for avoiding thermal shock on multilayer PCBs while reworking.

It is a complete solution to **rework small / medium PCBAs**, such as the once commonly used in **electronic industries**. It features a heating area of 130 x 135 mm / 5.12 x 5.31 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 22 customizable profiles.

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

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



## REFERENCES

**PHSE-9B** 100 V  
**PHSE-2B** 230 V  
**PHSE-1B** 120 V

## PRODUCT COMPOSITION

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

## SPECIFICATIONS

<b>Peak power</b>	800 W
<b>Selectable temperature</b>	50 to 250 °C / 120 to 482 °F
<b>Heating area</b>	65 x 135 mm / 2.6 x 5.3 in - 1 zone 130 x 135 mm / 5.1 x 5.3 in - 2 zones
<b>Type K TC connector</b>	4 for Control & Protection
<b>Profiles</b>	20 (up to 6 steps for each)
<b>Set temperature profiles</b>	3 profiles (2, 3 or 4 steps)
<b>Maximum work time</b>	50 min or indefinite
<b>ESD safe</b>	Meet ANSI/ESD S20.20-2021
<b>USB-A</b>	<a href="#">Firmware update</a> Graphics and profiles
<b>USB-B</b>	PC communications
<b>Robot connector</b>	Remote control
<b>Aux. connector</b>	Console connection
<b>Pedal connector</b>	Connect a pedal (ref. P-005) to control the heater

## WEIGHT AND DIMENSIONS

<b>PreHeater Unit</b>	195 x 288 x 42 mm / 2.77 kg. 7.68 x 11.34 x 1.65 in / 6.10 lb.
<b>Package</b>	368 x 368 x 125 mm / 3.51 kg. 14.49 x 14.49 x 4.92 in / 7.73 lb.

Copyright © 2024 JBC Soldering S.L. | [Legal Notice](#) | [Privacy Policy](#) | [Terms and Conditions](#) | [Cookie policy](#) | [Internal Communication](#) | [RSS Feed](#) | [JBC Store](#) | [Contact Us](#)

## CONNECTABLES



RWT-B

Adjustable Rework Arm

RWS-D  
mm)

Adjustable Rework Arm for PHSE (Base 270x410



RHS-A

Articulated Hand Rest with base for PHSEK



PHS-SA

Support for PCBs up to 13 x 13 cm / 5 x 5"

## Accessories



P-005

Pedal



P-405

Pedal for Nano Rework Station

## Consumables



PH223

Thermally Conductive Tape 25 mm



PH222

Thermally Conductive Tape 50 mm