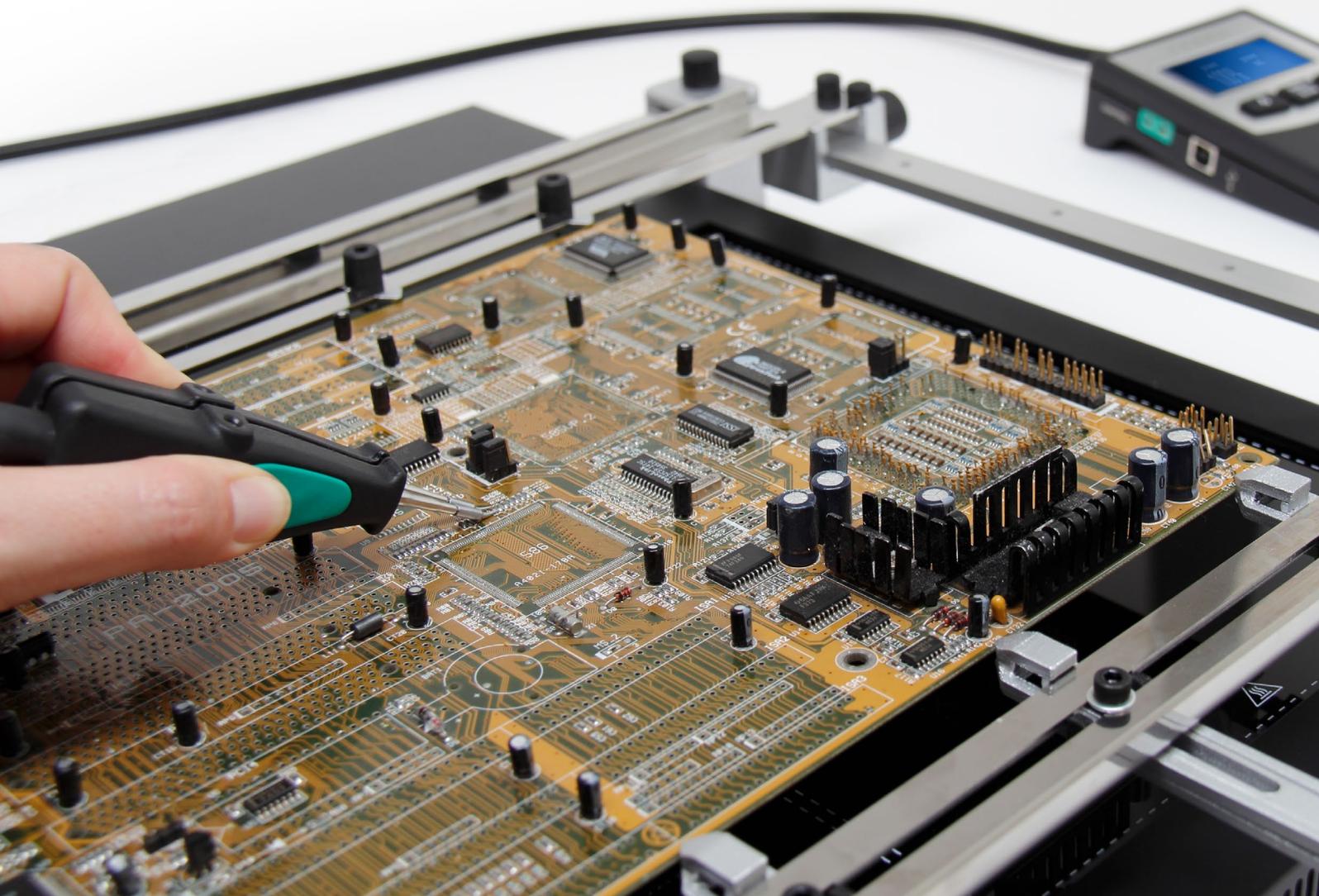


JBC

www.utility-trading.com



PCB Preheaters

Top quality soldering
Minimum thermal stress

Why preheat a PCB?

Improve soldering quality

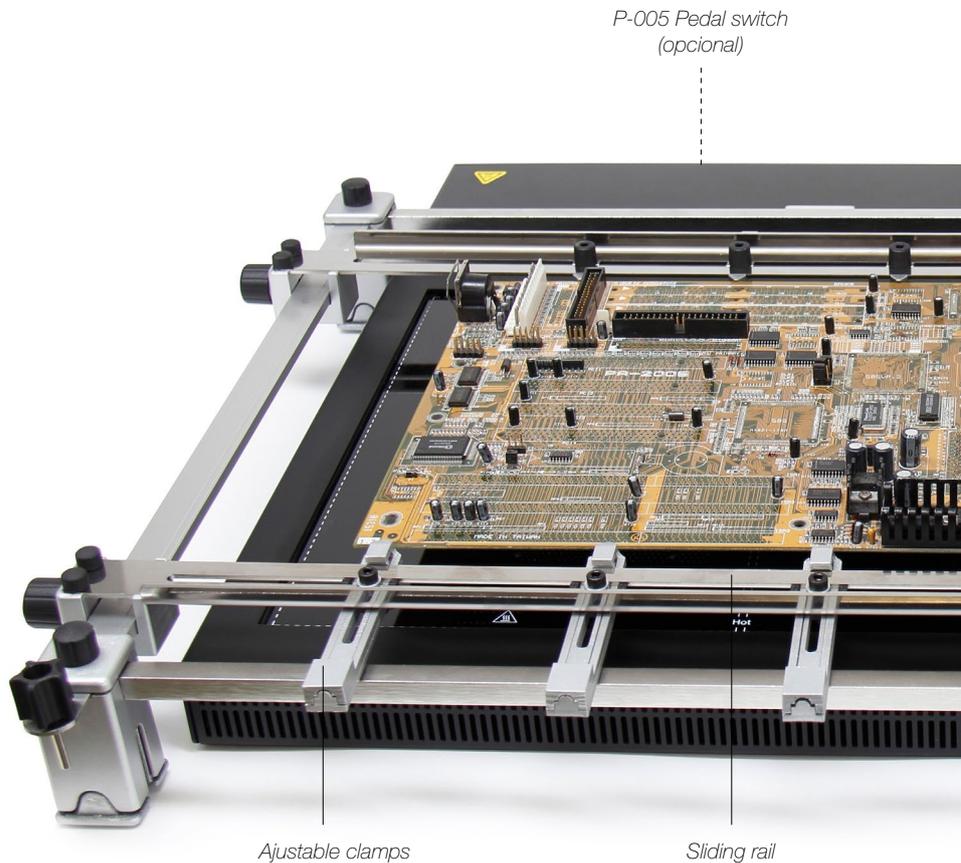
Work at lower temperatures
and in less time

PHB-KA Convection Preheater Set

Ref. **PHB-1KA** 120 V, **PHB-2KA** 230 V, **PHB-9KA** 100 V

Includes	PHB-A Preheater PHB-SA PHB Preheater support
PHB Heating Area	360 x 277 mm

- **Uniform** heat distribution
- The complete solution for preheating **large** PCBs
- **Two independent** heating zones
- The heater is protected by **high resistance glass**

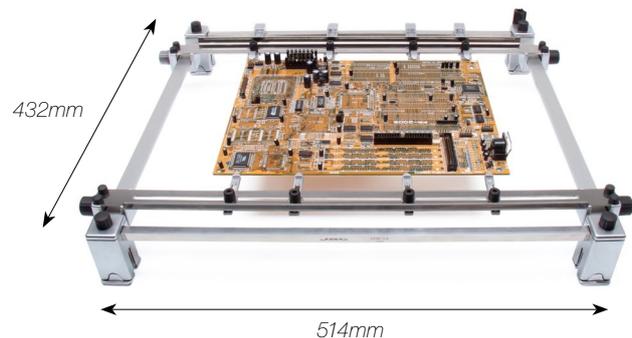


PHB Preheater Support

Ref. **PHB-SA**

Adaptable to all PCBs.

It has three adjustable heights and accepts all size and shapes.



Top quality results

It reduces the risk of thermal stress on PCBs and components

Essential for soldering on **multilayered boards**

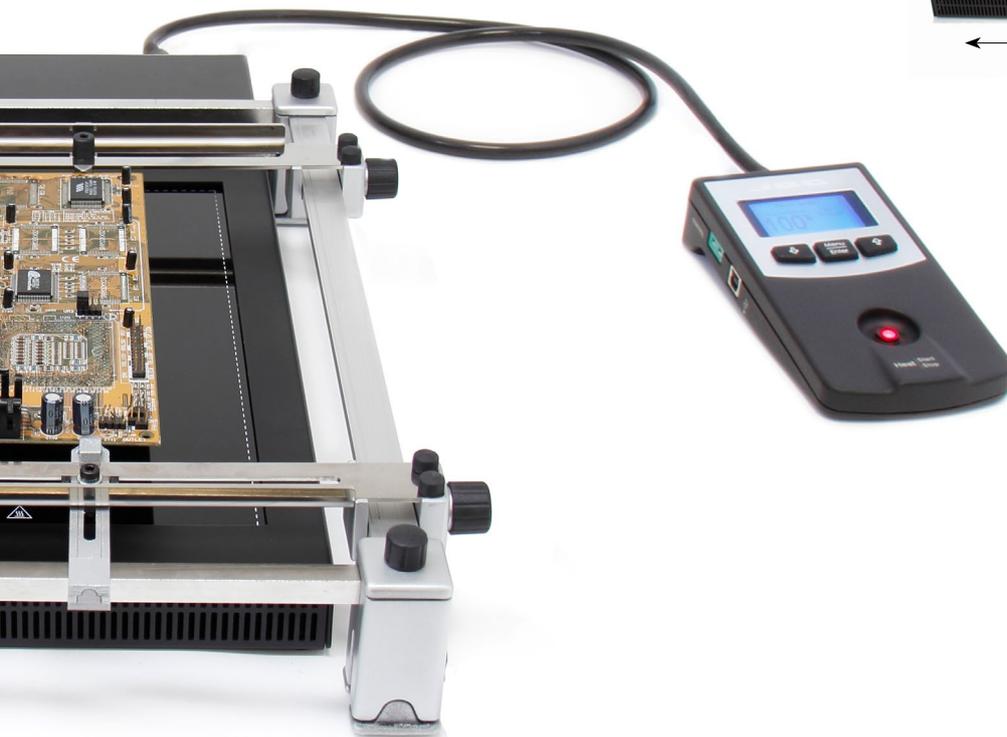
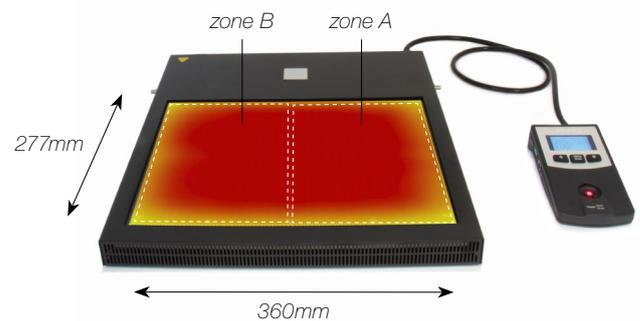
PHB-A Preheater

Includes: Heater Unit and Console

Ref. **PHB-1A** 120 V, **PHB-2A** 230 V, **PHB-9A** 100 V

Convection provides a uniform distribution of heat. Its **gradual heating** system reduces the risk of thermal stress

Heater Unit



Console

Easy monitoring of the process using the thermocouple (type K).

JBC Offers **3 preset temperature profiles** and 20 more user defined profiles according to suit all your needs.



The control Thermocouple follows a temperature profile precisely and with the auxiliary thermocouple the PCB's components will be protected.



PHS-KB Infrared Preheater Set

Ref. **PHS-1KB** 120 V, **PHS-2KB** 230 V, **PHS-9KB** 100 V

Includes PHS-B IR Preheater
PHS-SA IR Preheater Support
PHS Heating Area 130 x 135 mm

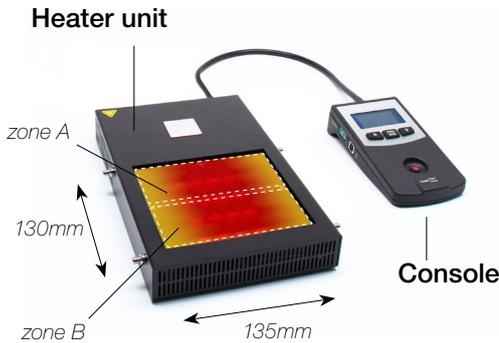
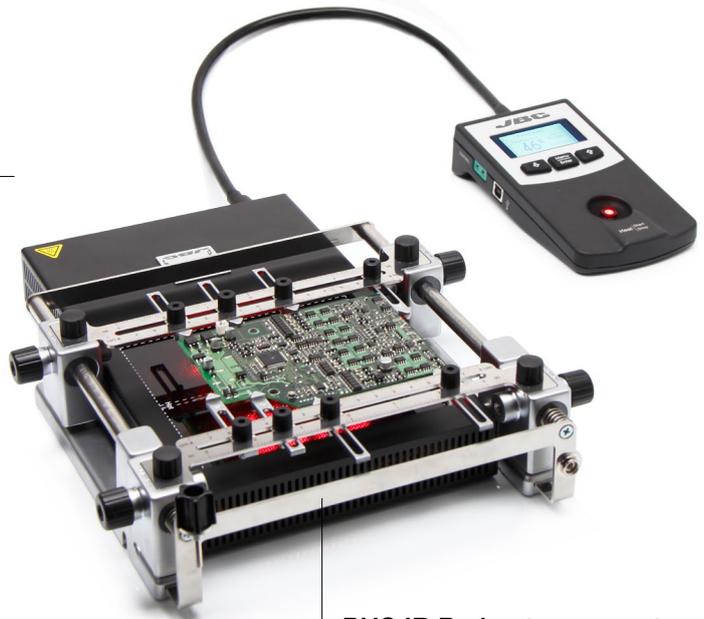
With the same features as the PHB model, it is the complete answer for preheating **small PCBs**

PHS-B IR Preheater

Includes: Heater Unit and Console

Ref. **PHS-1B** 120 V, **PHS-2B** 230 V, **PHS-9B** 100 V

The low thermal inertia of the infrared lamps with high heating capacity provides a fast response adjusting to the selected profile.
Designed to give maximum uniform heating which guarantees the best results.



PHS IR Preheater support

Ref. **PHS-SA**

The base has different grooves for a precise alignment with the heater.

Preheater Comparison

Technical Specifications

	PHS-B	PHB-A
Heating Area	65 x 135 mm (1 zone) 130 x 135 mm (2 zones)	180 x 277 mm (1 zone) 360 x 277 mm (2 zones)
Voltage - Maximum power	PHS-1B 120V, 50 / 60Hz - 500 W PHS-2B 230V, 50 / 60Hz - 500 W PHS-9B 100V, 50 / 60Hz - 500 W	PHB-1A 120V, 50 / 60Hz - 1800 W PHB-2A 230V, 50 / 60Hz - 1800 W PHB-9A 100V, 50 / 60Hz - 1400 W
Heating system	Infrared	Convection
Temperature range	50 - 250 °C (120 - 482 °F)	50 - 250 °C (120 - 482 °F)
Maximum working temperature	600 min. or unlimited	600 min. o unlimited
JBC set temperature profiles	3 profiles (2, 3 or 4 steps)	3 profiles (2, 3 or 4 steps)
User defined temperature profile	up to 20 (6 steps per profile)	up to 20 (6 steps per profile)
Temperature measurement	Thermocouple type K	Thermocouple type K
Dimensions	173 x 282 x 41 mm	404 x 440 x 41 mm
Weight	2,9 kg (6.39 lb)	6,9 kg (15.3 lb)