

# PCT-100 Focused Convection Pre-heater



## Focused Convection Pre-heater Delivers Heat to Where It's Needed Most

OK International PCT-100 is a focused convection pre-heater that is designed to provide extra heat capacity for demanding applications such as lead-free, multi-layer boards and assemblies with large ground planes. The system's focused heat design promotes quick ramp to temperature. Unlike conventional pre-heaters, the PCT-100 Focused Convection Pre-heater directly targets the underside PCB providing a substantial thermal boost for processes including hand soldering, through-hole desoldering, and hot air SMT rework. Users enjoy the benefit of improved process time and exceptional control of potentially damaging temperatures.

The PCT-100 Focused Convection Pre-heater provides options for an integrated board holder\* or a stand-alone board holder\*\* or a workpiece plate where the device can be rested just above the focused air-source. The system can also be supplied with an adjustable-angle arm rest to enhance operator productivity through improved ergonomics. Even more, the PCT-100 Focused Convection Pre-heater distinguishes itself for its very attractive low price.

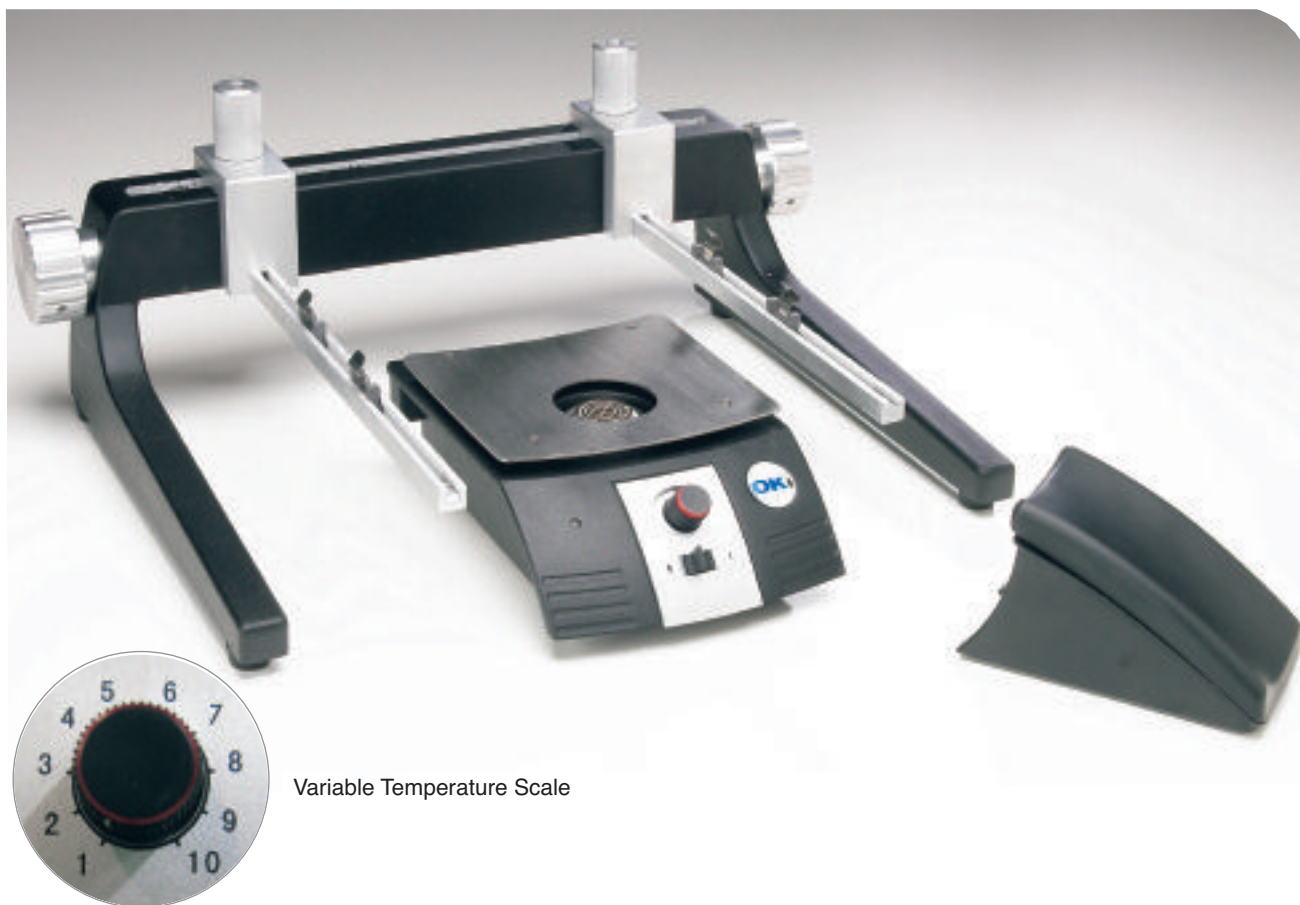
## Specifications

Input Voltage	115 V (PCT-100-11) 230 V (PCT-100-21)
Heater Rating	450 W
Storage Temperature	-10°C—60°C (14°F—140°F)
Environmental Temperature	0°C—40°C (32°F—104°F)
Air Flow	10.2 CFM (280 l/min)
Control Temperature	Variable up to 300°C (572°F)
Surface Resistivity ESD	10 <sup>6</sup> Ω - 10 <sup>11</sup> Ω
Dimensions	205(L) x 155 (W) x 65 (H) mm
Weight	1.6 kg
Certificate/Approvals	cTUVus, CE



\*The BH-010 integrated board holder is limited to 3.08" (78.4 mm) in the x-axis and open-ended in the y-axis.

\*\* The BH-100 stand-alone board holder is open ended on the 12" (305mm) axis. Larger boards can be accommodated depending on application.



Variable Temperature Scale

## PCT-100 Focused Convection Pre-heater

Part No.	Description
PCT-100-11	Focused Convection Pre-heater 115V
PCT-100-21	Focused Convection Pre-heater 230V
PCT-101-11	Focused Convection Pre-heater 115V with Arm Rest
PCT-101-21	Focused Convection Pre-heater 230V with Arm Rest
PCT-102-11	Focused Convection Pre-heater 115V with Arm Rest and Boardholder
PCT-102-21	Focused Convection Pre-heater 230V with Arm Rest and Boardholder
PCT-103-11	Focused Convection Pre-heater 115V with Arm Rest and Integrated Boardholder
PCT-103-21	Focused Convection Pre-heater 230V with Arm Rest and Integrated Boardholder
PCT-1HE-11	Heating Element Replacement for PCT-100 Focused Convection Pre-heater 115V
PCT-1HE-21	Heating Element Replacement for PCT-100 Focused Convection Pre-heater 230V
PCT-AR	Arm Rest for PCT-100 Focused Convection Pre-heater
PCT-ARPAD	Replacement Pad for Arm Rest PCT-AR
BH-100	Boardholder for PCT-100 Focused Convection Pre-heater
BH-010	Integrated Boardholder for PCT-100 Focused Convection Pre-heater



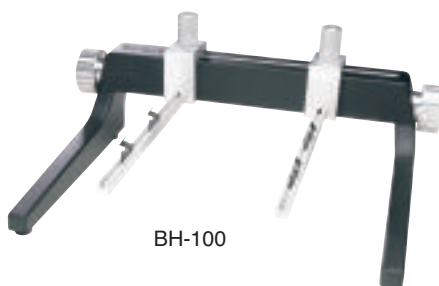
PCT-100-11  
PCT-100-21



PCT-AR



PCT-100 with integrated boardholder BH-010



BH-100