

## PCT-100



### PCT-100

This new pre-heater targets heat for improved speed and efficiency for high thermal demand applications, including lead-free. Used for SMT and through-hole hand processes, the PCT-100 uses convection air heating to heat a PCB first, for better soldering, improved process control and increased productivity.



Use OKI or Metcal soldering tools

The PCT-100 Focus Preheater adds heat volume, without turning up the temperature, to perform assembly tasks at the appropriate peak temperature without distorting the board.

Ideal for thick boards and smaller boards, such as cell phone and PDAs, the pre-heater focuses and delivers hot air where you need it. When finished, the fan continues without heat to cool down the board. The system is easy-to-use. Simply plug it in, turn it on, adjust the heat and it's ready for work. The PCT-100 can be used with or without a board holder. An Arm Rest is also available to steady your hand and keep your arm from being fatigued. The board holder and arm rest are available as a complete kit, with the PCT-100, or they can be purchased separately.

### Accessories add to ease-of-use

The PCT-100 can be used with or without a board holder. An Arm Rest is also available to steady your hand and keep your arm from being fatigued. The board holder and arm rest are available as a complete kit, with the PCT-100, or they can be purchased separately.

### Key Features & Benefits

- Accelerates and enhances the lead-free SMT & through-hole rework process
- Temperature ramps up quickly, maximizing productivity
- Adjustable knob controls the required temperature to below 300°C
- Controlled cool-down eliminates thermal shock to PCB And components
- Thermocouple feedback temperature control regulates output temperature
- System safety feature automatically shuts off heating when fan is stopped
- ESD safe



Rework small board direct on the PCT-100

### Specifications

- |                             |   |
|-----------------------------|---|
| • Work board holder         | max. PCB size: 304,80mm wide / min. PCB size: 65,5mm wide |
| • Voltage                   | 230 VAC, 450W   |
| • Storage temperature       | -10 °C — 60 °C  |
| • Environmental temperature | 0 °C — 40 °C  |
| • Airflow                   | 280 l/min.  |
| • Control Temperature       | variable up to 300°C                                      |
| • Surface resistivity       | 106Ω - 1011Ω  |
| • Dimensions + weight       | 205x155x65mm, 1,6 kg.                                     |
| • Certificate/approvals     | cTUVus, CE  |

### Demonstration unit PCT-102-21

Pre-heater Convection Tool 230VAC (PCT-100-21)  
Arm Rest (PCT-AR)  
Board Holder (BH-100)

497,60 **-/- 12%**