

PCT-1000 Programmable Preheater



More Heat, Lower Temperatures for Faster, Higher Quality Results

The new PCT-1000 is a programmable preheater that provides users exceptional ability to increase heat capacity with highly controlled thermal output. The preheater is ideal for aiding high thermal demand applications including lead-free, multi-layer boards and large ground planes. The PCT-1000 can be used in a variety of processes including soldering, desoldering, SMD rework operations and, with its added heat capacity, will provide faster production rates while lowering overall process temperatures.

Programmable Controls

With four programmable heating zones and one cooling zone, users select time and temperature targets, creating a preheat thermal profile.

The PCT-1000 features an advanced heat control function where the temperature is controlled either at the

heater output (internal) or at the board (external). The “external” control function uses a thermocouple which can be placed on the board or a component. The external control function enables users to heat with high levels of assurance; preventing such undesirable effects as underside component reflow, thermal shock to sensitive components and damaging peak temperatures.

The PCT-1000 Powerful Heating Improves Productivity

PCT-1000 is equipped with the highly advanced heater design found on sophisticated OK International rework systems. Its convection heater creates a vortex effect that efficiently directs and concentrates heat. This, coupled with the precise feedback control and thermal profiling capability, establish the PCT-1000 as a powerful,

precise benchtop solution for increasing productivity.

Four-zone thermal profiling with independent time and temperature control.



User selects internal or external control.



