



TMT-PH

Preheaters



TMT-PH200

ESD SAFE LEAD FREE

The TMT-PH200 infrared, board preheater is suitable for leaded and lead free, applications. A sensor controlled feedback loop system with digital display enables easy adjustment of temperature.

- ▶ Adjustable, easy to use temperature control knob
- ▶ Digital display shows temperature
- ▶ Utilizes a quartz infrared heater
- ▶ Sensor control feedback loop to control temperature

TMT-PH200 SPECIFICATIONS

Input Line Voltage:	220-240 VAC
Power:	600 Watts
Temperature Range:	100 °C - 380 °C
Heating Area (W x L):	130mm x 130mm
Heating Method:	Infrared
Fuse:	250V 5A
Size (W x H x D):	220mm x 73mm x 250mm
Weight:	2.1 KG

PACKING LIST

TMT-PH200	IR Preheater
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CERTIFICATION MARK



TMT-PH300

ESD SAFE LEAD FREE

The TMT-PH300 uses advanced, intelligent, control technology to accurately regulate the temperature of the infrared board preheater. Three heating modes allow the system to manage both leaded and lead free applications.

- ▶ Microprocessor accurately regulates temperature
- ▶ Two external temperature sensor probes
- ▶ Professional board holder allows 3D adjustments
- ▶ Three heating modes to meet different requirements

TMT-PH300 SPECIFICATIONS

Input Line Voltage:	TMT-PH300-1	100-110 VAC
	TMT-PH300	220-240 VAC
Power:		850 Watts
Temperature Range:		50°C - 400°C
Heating Area (W x L):		200mm x 250mm
Heating Method:		Infrared
Fuse:	TMT-PH300-1	250V 15A
	TMT-PH300	250V 8A
Size (W x H x D):		260mm x 90mm x 410mm
Weight:		3.8 KG

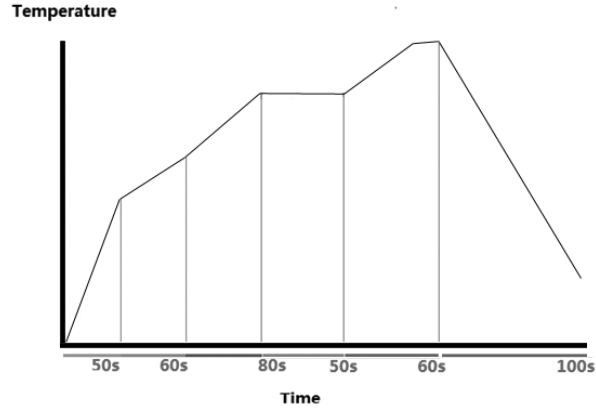
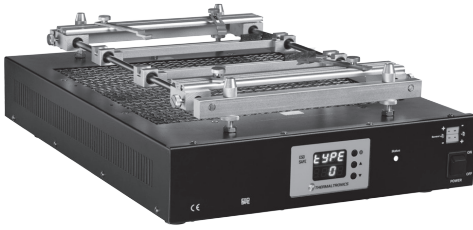
PACKING LIST

TMT-PH300	IR Preheater
PH-KTC-1	Thermocouples - 2 Pack

CERTIFICATION MARK



TMT-PH600



TMT-PH600 SPECIFICATIONS

Input Line Voltage:	TMT-PH600-1	100-110VAC/50Hz,2000 Watts
	TMT-PH600-2	220-240VAC/50Hz,1500 Watts
Temperature Range:		50C - 400C
Heating Area (W x L):		310mm x 310mm
Heating Method:		Infrared
Fuse:	TMT-PH600-1	250V 16A
	TMT-PH600-2	250V 10A
Size (W x H x D):		520mm x 380mm x 100mm
Weight:		9 KG
Certification Marks:		CE, ETL

INTRODUCTION

Congratulations on your purchase of the TMT-PH600 IR preheater. This unit has been tested and inspected by Thermaltronics prior to shipment, and with proper maintenance will give you years of reliable performance.

SYSTEM FEATURES

The TMT-PH600 IR uses advanced intelligent temperature control technology for accurate temperature control. Three heating modes allow the unit to handle leaded & lead-free preheating processes and are suitable for use with PCB containing BGA and SMD components.

Functions and Features

1. CPU controlled IR Heater provides accurate temperature control
2. Three heating modes to meet different soldering requirements.
3. Professional board holder allows three dimensional adjustment
4. Electrostatic Discharge (ESD) free
5. Large quartz infrared heating element allows work on large sized PCB and reduces PCBA warping.
6. External sensors can be used for temperature verification or used to control preheater temperature.
7. Temperature and heating profiles can be saved for repeat use.
8. Automatic Temperature Protection features shuts off the system when external sensor temperature exceeds 430C or internal sensor temperature exceeds 600C.

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