



TMT-1000S

Soldering Station



TMT-1000S

**ESD
FREE** **LEAD
FREE**

The TMT-1000S is based on Curie Heat Technology which responds to the thermal demands of each solder joint by automatically adjusting the power output instantaneously, providing instant power regulation to prevent overheating or underheating of components during soldering.

- ▶ Rapid RF heating with no temperature overshoot
- ▶ Precise temperature control $\pm 1.1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)
- ▶ No calibration or operator training required
- ▶ No additional coil assembly costs
- ▶ Tip automatically powers down when handpiece is placed in sleep workstand

SYSTEM CONFIGURATIONS

Model Number	Handpiece	Tip Cartridge	Connector
TMT-1000S-K	SHP-K	K Series	3-Pin
TMT-1000S-P	SHP-P	P Series	3-Pin
TMT-1000S-S	SHP-S	S Series	3-Pin

TMT-1000S SPECIFICATIONS

Input Line Voltage:	12VDC, 5A
Tip to Ground Potential:	<2 mV
Tip to Ground Resistance:	<2 Ohms DC
Idle temperature Stability:	+/- 1.1 °C (2 °F)
Max Enclosure Temperature:	50 °C (122 °F)
Output Power (Maximum):	50 Watts RF
Output Frequency:	470 KHz
Size (W x H x D):	90mm x 118mm x 101mm (3.5" x 4.65" x 4")
Weight:	0.67 KG (1.5 LBS)
Input for Power Supply:	100-240V, 50/60 Hz

PACKING LIST

TMT-1000PS	Power Supply
K75CH018*	Soldering Tip Cartridge
SHH-6	Sleep Workstand
SHP-K*	Soldering Handpiece
RMP-1	Tip Removal Pad
BC-1	Brass Curls
SPG-1	Sulphide Free Sponge
S-POWER-1	12VDC Power Adapter

*The handpiece & soldering tip cartridge will vary based on system configuration.

CERTIFICATION MARKS



*Tested & certified by TUV-SUD

THE THERMALTRONICS