

### System Features

- 90 W power station
- Adjustable temperature ranges from 200 to 450 °C (392 to 842 °F)
- Wide variety of cartridge and tip options
- Patented Chip-in-Cartridge technology
- Compact size due to external power source
- Universal power input
- Intuitive user interface
- Programmable standby and sleep settings
- Easy to read 2.5" display
- 5 V, 0.5 A USB port to power accessories
- Field upgradeable firmware using a USB memory stick



### Technical Specifications

GT90	
Soldering Temperature Range	200 to 450 °C 392 to 842 °F
Input Line Voltage	100 - 240 VAC (120 VAC for U.S.) grounded circuit, universal Input
Input Frequency	50 / 60 Hz
Power Input	90 W max
Dimensions (w x d x h)	11.0 x 12.5 x 16 centimeters 4.3 x 4.9 x 6.1 inches
Weight of Station w/ Power Adapter	1.68 kg (3.70 lb.)
Communications	1 x USB A
Standby Timer	10 – 480 seconds
Sleep Timer	1 – 100 minutes
Free Range Tip Temperature Adjustment	Yes
Tip Temperature Presets	3
Tip-to-Ground Potential / Resistance	< 2 mV / < 2 Ω
Tip Temperature Accuracy	Meets or exceeds IPC-J-STD
Surface Resistivity	10 <sup>5</sup> - 10 <sup>9</sup> Ω, ESD safe
Certifications	CE, TUV
Power Station Warranty	1 Year
GT-HP-T4UF Hand-piece	
Hand-piece Connector	8-pin circular DIN
Hand-piece	1.5 m (5'), burn proof, ESD safe

### Systems Ship With

GT90-HP-T4 System	
Soldering Power Station	GT90
Slim Hand-piece for GT4 Family of Tips & Ultrafine Cartridges	GT-HP-T4UF
Heater Cartridge for GT-HP-T4UF Hand-piece using GT4 Tips	GT-HC-T4
Power Adapter	GT-PA-120
Work Stand	GT-WS
Tip/Cartridge Removal Pad	MX-CP1

### Accessories (sold separately)

GT Series Accessories	
Slim Hand-piece for GT4 Family of Tips & Ultrafine Cartridges	GT-HP-T4UF
Slim Hand-piece for GT4 Family of Tips & Ultrafine Cartridges with Work Stand	GT-HW-T4UF
Standard Hand-piece for GT6 Family of Tips & GTC Cartridges	GT-HP-T6C
Slim Hand-piece with Heater Cartridge for GT4 Tips	GT-HPHC-T4UF
Standard Hand-piece with Heater Cartridge for GT6 Tips	GT-HPHC-T6C
Heater Cartridge for GT-HP-T4UF Hand-piece using GT4 Tips	GT-HC-T4
Heater Cartridge for GT-HP-T6C Hand-piece using GT6 Tips	GT-HC-T6
Retainer for GT-HP-T6C Hand-piece using GTC Cartridges	GT-RT-C
Retainer for GT-HP-T4UF Hand-piece using GT4 Tips & Ultrafine Cartridges	GT-RT-T4
Retainer for GT-HP-T6 Hand-piece using GT6 Tips	GT-RT-T6
Cleaning Sponge (pack of 10)	GT-YS10
Cleaning Brass Pad (pack of 10)	GT-BP10
Rubber Grip Replacement for all GT Hand-pieces (pack of 5)	GT-GR-BK
Tip/Cartridge Removal Pad	MX-CP1
Replacement Power Switch	5100-0117
Replacement GT90 PCBA with Firmware	7029-9140
Replacement GT LCD	GT-LCD

Visit [Metcal.com](http://Metcal.com) for a full list of available Tips & Cartridges.

#### Authorized Distributor

#### Mectronics Marketing Services

313, 2nd Floor, Patparganj Industrial Area,  
New Delhi - 110092 (India)

Tel : +91 (011)-43041581 / 42208256

E-Mail : [mectronics@mectronics.in](mailto:mectronics@mectronics.in)

Web : [www.mectronics.in](http://www.mectronics.in)