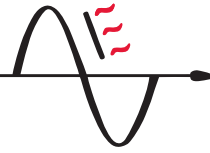


# MERRIMAC



## INDUSTRIAL SALES

**STABLE-WATT® HOT PLATES: RELIABLE, SOLID STATE CONTROL**

### FEATURES INCLUDE:

- Eurotherm, PID Control with SSR switching
- Thermocouple feedback sensing
- Uniform surface temperatures
- Available with internal or external sensors
- Maximum Temperature 199° c/390° f



The Stable-Watt hot plate achieves its +/- 2 degree centigrade average accuracy over its 0-199 degree centigrade; utilizing a combination of solid state power switching, PID temperature control, and thermocouple sensing. The combination of instrument, heater, and sensor accuracies yields the highly reliable surface temperatures.

This equipments solid-state design allows for highly accurate adjustable thermal control. The design by Merrimac Industrial Sales is capable of delivering long-term, trouble-free, operation.

This series of hot plates from Merrimac Industrial Sales closes the gap between wide temperature variable hot plates and the highly accurate expensive environmental test chambers.

\*Applications – Small prototype runs of integrated circuits – research & development of surface mount technology – highly stable surface temperature source for production or laboratories electronic component testing, bio-chemical research, and manufacturing.

### **STABLE-WATT®HOT PLATES**

#### **ADDITIONAL FEATURES**

External thermocouple for surface or mask temperatures - (*Model S-1144E*)  
Internal "K" Type Thermocouple - (*Model S-1144I*)  
Custom options available for fixtures and probes  
Rugged construction for long-term use  
Ideal for meeting stringent temperature testing requirements

#### **SPECIFICATIONS**

Hot Plate 12" x 12" Surface  
Width 14-1/2"  
Depth 13"  
Height 5"  
Weight 14 lbs  
Max Temperature 199°c  
Power Consumption 750w  
120 Volts AC – 50/60Hz – 7amps

#### **Ordering Information**

**Part Number(s): S-1144E External Thermocouple Sensor  
S-1144I Internal Thermocouple Sensor  
\$1,695.00/each**

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