

TEC Temperature Controller with Power Supply High Resolution 0.01DegC

The TecThermo 1575 line of products is a series of compact high power TEC Temperature controllers. Features include ramp-soak multi step profiles, computer control and logging.

The **1575 HR** is PC compatible via RS232, flexible specifications, a growing list of accessories and allow for easy customization. Custom solutions are available.

The Firmware is flash upgradeable.

Models are available for **120W** (12V/10A), **150W** (15V/10A)



HARDWARE

Input Power: AC Line Voltage 120V/240V

Temperature Range: -20C to +100C

Output Power to Control the Load: Pulse Width Modulated (PWM)

Load Type: Peltier Thermoelectric Modules; Resistive Heaters; Valves - any load that can be controlled with VDC PWM.

Displayability and Settability: 0.01 **End Point Stability:** +/-0.005 max

Basic Control Algorithm: Proportional/Integral/Derivative (PID)

End User Calibration: Single-point by means of an Offset

Alarms: Fixed Alarm Limits; Alarm Latching; Thermal Cutoff;

Sensor: 15KOhm sensor (-20 to 100C); 10KOhm sensor (-25 to 85C)

Dimensions: w/ power supply - 3.1" x 8.1" x 10" - Approx. 8cm x 21cm x 26cm

If you are interested in a controller or are not sure about your needs, please contact us about your application. Let us help you find the right solution for your needs.

SOFTWARE

Control from Front Panel: Set and Tune; Alarms; Ramp & Soak Profiles (Recipes)

Control from a PC Computer: Through LabView Utility

Pricing

Starting from \$2499 (Model 1575/120W) - Cold Plates, TEC's and Sensors are sold separately.

Contact

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