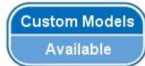




Series: ETCP-TC

Economical 1-Zone Temperature Control Panel – Thermocouple Sensor Input



FEATURES & BENEFITS

- Built-in SSR, 9 Amp Output Control Capacity
- Accurate Up To $\pm 0.5\%$ of Full Scale Input
- Rugged, Non-metallic, Wall Mount Design
- Preassembled, Prewired, Ready-To-Use
- Self-powered, Main & Control Output Fuse
- Available In J, K or T Thermocouple Calibration
- Front Panel Visual / Audible Alarm Indicator

APPLACATIONS

- Industrial Process Heating
- R & D Laboratory Use
- Equipment Sterilization
- Food & Pharmaceutical Processing



DESCRIPTION

Series ETCP-TC are Economical Wall Mount Temperature Control Panels that provide accurate temperature control for a variety of laboratory and industrial heating applications. The unit operates on 105-125VAC and consists of a high performance temperature controller with one pre-wired SSR control output. The fused output provides up to 9 Amps capacity to control heaters and other similar scientific and industrial heating equipment. Temperature is controlled by connecting any standard thermocouple. A switch on the front panel controls both power to the unit and output power. Standard features include a fused power cord and fused output receptacle. Thermocouple sensor is connected via an industry standard size female thermocouple jack located on the rear panel (mating male thermocouple connector is Included with unit).



Displays Setpoint & Process



Thermocouple Jack



NEMA 5-15 Plugs



Visual / Audible Alarm

Series: ETCP-TC

GENERAL SPECIFICATIONS

Temperature Accuracy: $\pm 0.5\%$ Full scale
 Display: 4-digit LED
 Display Resolution: $\pm 1^\circ$
 Control Mode: PID Autotune
 Control Output Max Capacity: 9A, 125VAC
 Sensor Type / Range: See model table
 Sensor Input: Standard Size Male Plug (Included)
 Operating Voltage: 105-125VAC, 50/60 Hz
 Alarm: Audible / Visual Panel Indicator
 Operating Temperature: 32 to 122 °F (0 to 50 °C)
 Controller Fuse: 1A, FB, 250V
 Output Fuse: 10A, SB, 250V
 Operating Humidity: 10-90% (Non-condensing)
 Enclosure: Gray PVC
 Power Cord: 7' Cord with 3-Prong Male Plug
 Output Cord: 1' Cord with 3-Prong Female Socket
 Installation: Wall Mount, For Indoor Use Only
 Enclosure Dimension: 4" H x 6" W x 6" L

Each Unit Includes Control Panel, Mating Input Thermocouple Connector and User Guide



Includes Standard Size Male Thermocouple Connector (Type-J Model Shown)

AVAILABLE MODELS

Model Number	Input Type	Control Output / Capacity	Temperature Range
ETCP-TC-J-400C	Type-J	120VAC / 10A (SSR)	32 to 752 °F (0 to 400 °C)
ETCP-TC-J-800C	Type-J	120VAC / 10A (SSR)	32 to 1472 °F (0 to 800 °C)
ETCP-TC-K-400C	Type-K	120VAC / 10A (SSR)	32 to 752 °F (0 to 400 °C)
ETCP-TC-K-1000C	Type-K	120VAC / 10A (SSR)	32 to 1832 °F (0 to 1000 °C)
ETCP-TC-T-200C	Type-T	120VAC / 10A (SSR)	-328 to 392 °F (-200 to 200 °C)
ETCP-TC-T-350C	Type-T	120VAC / 10A (SSR)	-200 to 662 °F (0 to 350 °C)

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Note: Continued product improvements make specifications subject to change without notice. Check www.imagineinstruments.com for the latest product information and updates

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