



Series: BTM1-TC

# Low Cost, Compact Benchtop Thermocouple Temperature Meter



## FEATURES & BENEFITS

- LED Digital Temperature Indicator
- Accurate Up To  $\pm 1$  °F/C
- Rugged, Vented, Metal Benchtop Design
- Preassembled, Prewired, Ready-To-Use
- Available in J, or K Calibration
- Pre-set Readout Displays in °C or °F

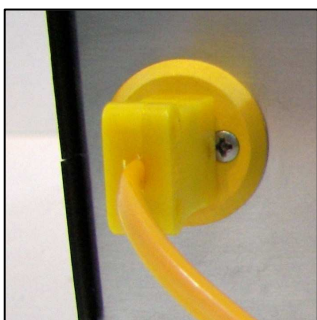
## APPLACATIONS

- R & D Laboratory Use
- Equipment Sterilization
- Food & Pharmaceutical Processing

## DESCRIPTION

Series BTM1-TC are low cost, compact Benchtop Thermocouple Temperature Meters that provide accurate temperature measurement for a variety of laboratory and industrial applications. The metal enclosure is compact at only 2.6" high x 5.5" wide x 6.7" deep. The unit operates on 120VAC and consists of a high performance temperature meter with one pre-wired thermocouple panel jack. Temperature is easily measured by connecting any standard thermocouple sensor. A switch on the front panel controls power to the unit. Standard features include a fused power cord, vented enclosure and integral tilt stand. Thermocouple sensor is connected via an industry standard miniature jack located on the rear panel (mating connector Included).

*Includes Benchtop Meter, Mating Sensor Connector and User Guide*



Rear Panel Jack



Front Panel Power Switch



Large LED Digits



Fused Power Cord

## GENERAL SPECIFICATIONS

Series: **BTM1-TC**

Temperature Accuracy:  $\pm 1$  °F

Display: 3 1/2-digit LED

Display Resolution: 0.1°

Operating Voltage: 110-120VAC, 50/60 Hz

Meter Fusing: 250mA

Operating Temperature: 32 to 104 °F (0 to 40 °C)

Enclosure: Painted Steel Body, Aluminum Panels

Dimensions: 2.6" H x 5.5" W x 6.7" L



## AVAILABLE MODELS

Model Number	Input Type	Display Units	Description (Temperature Range)
BTM1-TC-JF	Type-J	°F	Benchtop Thermocouple Meter (0 to 999.9 °F)
BTM1-TC-KF	Type-K	°F	Benchtop Thermocouple Meter (0 to 999.9 °F)
BTM1-TC-JC	Type-J	°C	Benchtop Thermocouple Meter (0 to 399.9 °C)
BTM1-TC-KC	Type-K	°C	Benchtop Thermocouple Meter (0 to 399.9 °C)

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Check [www.imagineinstruments.com](http://www.imagineinstruments.com) for the latest product information and updates

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