



Series: BTM1-RTD

Low Cost, Compact Benchtop RTD (Pt100) Temperature Meter



FEATURES & BENEFITS

- LED Digital Temperature Indicator
- Accurate Up To ± 1 °F/C
- Rugged, Vented, Metal Benchtop Design
- Preassembled, Prewired, Ready-To-Use
- Configured For Pt100 ($\alpha=0.00385$) Sensors
- Pre-set Readout Displays in °C or °F

APPLACATIONS

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

DESCRIPTION

Series BTM1-RTD are low cost, compact Benchtop RTD (Pt100) 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 RTD sensor connection block. Temperature is easily measured by connecting any Pt100 ($\alpha=0.00385$) 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. RTD sensor is connected via an industry standard terminal block located on the rear panel.

Includes Benchtop Meter and User Guide



Sensor Connection



Front Panel Power Switch



Large LED Digits



Fused Power Cord

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GENERAL SPECIFICATIONS

Temperature Accuracy: ± 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-RTD-F-PT100	Pt100 ($\alpha=0.00385$)	°F	Benchtop RTD (Pt100) Meter (0 to 999.9 °F)
BTM1-RTD-C-PT100	Pt100 ($\alpha=0.00385$)	°C	Benchtop RTD (Pt100) Meter (0 to 399.9 °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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