



Model: BTM4-RTD

Benchtop 4-Channel RTD (Pt100) Temperature Meter



FEATURES & BENEFITS

- 4-Channel 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

Model BTM4-RTD is a 4-Channel Benchtop RTD (Pt100) Temperature Meter that provides accurate temperature measurement for a variety of laboratory and industrial applications. The metal enclosure is compact at only 3.4" high x 7" wide x 8.3" deep. The unit operates on 12Vdc (120VAC Wall Power Adapter) and consists of a high performance 4-channel temperature meter with four sensor connection blocks on the rear panel. Temperature is easily measured by connecting any Pt100 ($\alpha=0.00385$) sensor to one or more inputs. A switch on the front panel controls power to the unit. 4 buttons on the meter allow the user to select what channel to display. Standard features include a fused supply power, vented enclosure and integral tilt stand. RTD sensors are connected via industry standard terminal blocks located on the rear panel.

Includes Benchtop Meter, AC Wall Power Adapter and User Guide



4-Channel Sensor Input



Front Panel Power Switch



Large LED Digits



Fused Power Supply

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GENERAL SPECIFICATIONS

Sensor Input Type: RTD (Pt100) $\alpha=0.00385$
Input Channels: 4
Temperature Accuracy: ± 1 °F
Display: 3 1/2-digit LED
Display Resolution: 0.1°
Operating Voltage: 12Vdc (AC Power Adapter)
Meter Fusing: 250mA
Operating Temperature: 32 to 104 °F (0 to 40 °C)
Enclosure: Painted Steel Body, Aluminum Panels
Dimensions: 3.4" H x 7" W x 8.3" L



Channel Selection Buttons on Meter Front Panel



Includes 120V AC Power Adapter



4-Channel Sensor Connection on Rear Panel

AVAILABLE MODELS

Model Number	Input Type	Units	Description (Temperature Range)
BTM4-RTD-F-PT100	Pt100 ($\alpha=0.00385$)	°F	4-Channel Benchtop RTD (Pt100) Meter (0 to 999.9 °F)
BTM4-RTD-C-PT100	Pt100 ($\alpha=0.00385$)	°C	4-Channel 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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