

EXTECH INSTRUMENTS

Product DATASHEET

Heavy Duty RTD Thermometer

Precision measurements to 0.01° over wide Temperature ranges

Features:

- Wide °F/°C measurements from -199.99 to 1472.0°F (-199.99 to 800.0° C)
- Selectable 0.1° or 0.01° display resolution
- Large 0.5" (13mm) 4-1/2 digit (20,000 count) LCD display
- Accurate to $\pm(0.1\% \text{ reading} + 0.4^\circ)$ under 200°F and $\pm(0.1\% \text{ reading} + 1.0^\circ)$ over 200°F
- Built-in linearity correction with fast response
- Sampling time of 0.4 second
- Data Hold to freeze the displayed value
- Built-in RS-232 PC serial interface with optional Data Acquisition software
- Accepts 4 wire Pt-100Ω RTD probes with DIN connector
- Dimensions: 7.1x2.8x1.3" (180x72x32mm)
Weight: 10oz (285g)
- Complete with protective rubber holster and 9V battery

CE



**Optional
PC Software**



Ordering Information:

- 407907 Heavy Duty RTD Thermometer
- 407907-NIST Heavy Duty RTD Thermometer w/ NIST Certificate
- 850187 RTD probe w/ DIN plug, -200° to 500° C
- 850186 RTD Stainless steel Surface probe
- 850189 RTD Stainless steel Air probe, -200° to 400° C
- 407001 Data Acquisition software, program and cable
- 140001 Hard vinyl carrying case

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