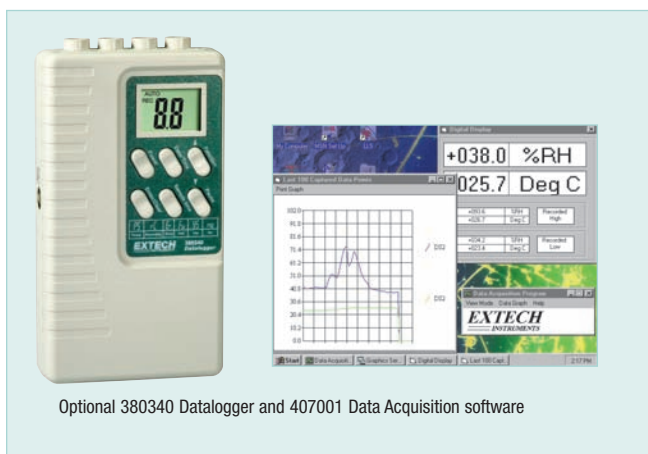


## Heavy Duty RTD Thermometer

**Precision measurements over a wide Temperature range**  
 With selectable 0.1° or 0.01° resolution

### Features:

- Wide °F/°C measurements from -199.99 to 1562.0°F (-199.99 to 850.0° 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 proprietary 4-wire Pt-100Ω RTD probes with  $\pm[0.3 + (0.005 \times \text{measured temperature})^\circ\text{C}]$  accuracy
- Dimensions: 7.1 x 2.8 x 1.3" (180 x 72 x 32mm)  
 Weight: 10oz (285g)
- Complete with protective rubber holster and 9V battery
- Probes are sold separately



Optional 380340 Datalogger and 407001 Data Acquisition software

### Ordering Information:

- 407907 .....Heavy Duty RTD Thermometer  
 407907-NIST .....407907 w/ NIST Certificate  
 850187 .....RTD General Purpose Probe, -40° to 500°C  
 850186 .....RTD Stainless Steel Surface Probe, -40° to 250°C  
 850189 .....RTD Stainless Steel Air Probe, -40° to 500°C  
 156119 .....117V AC Adaptor  
 407001 .....Data Acquisition software program and cable  
 140001 .....Hard vinyl carrying case

# Mouser Electronics

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