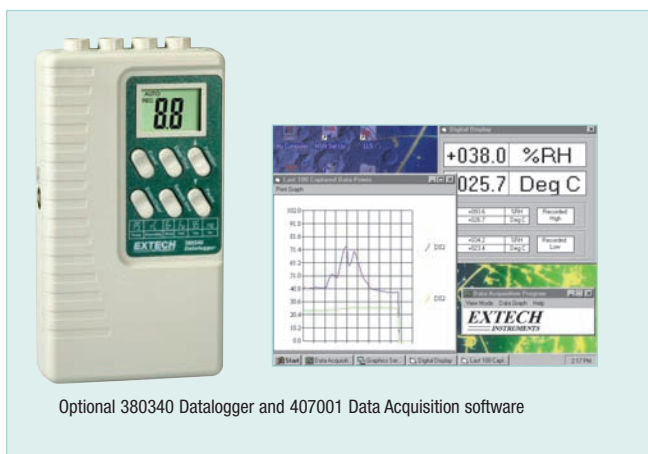# Heavy Duty RTD Thermometer

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 ±(0.1% reading + 0.4°) under 200°F
  and ±(0.1% reading + 1.0°) 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
  ±[0.3 + (0.005 x measured temperature)°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, -40º to 500ºC
850186 ....RTD Stainless Steel Surface Probe, -40º to 250ºC
850189 ....RTD Stainless Steel Air Probe, -40º to 500ºC
156119 ....117V AC Adaptor
407001 ....Data Acquisition software program and cable
140001 ....Hard vinyl carrying case

CE

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