

# PRODUCT INFORMATION

Item #511-3780

## PRECISION Handheld Pt100 Digital Thermometer



The ACCD750P and ACCD755P Handheld Pt100 Thermometers are High Precision, Metrology Grade, NIST Traceable Instruments. These high accuracy thermometers are used when temperature measurement are critical and/or when online documentation is required.

The 750P and 755P are also used as a NIST Standard to verify and calibrate routinely used instruments.

Optional DE-Graph Windows Software for graphic and tabular documentation.

| CATALOG No. | DESCRIPTION   |
|-------------|---|
| ACCD750P    | Single Probe - Pt100 High Precision Digital Thermometer |
| ACCD755P    | Dual Probe - Pt100 High Precision Digital Thermometer   |

### FEATURES:

- NIST Traceable - DKD/DAkks
- USB interface
- High measuring accuracy
- Integrated calibration function for simple compensation of sensor tolerances
- Physical 1-point, 2-point or 3-point calibration function
- Measuring channels are freely assignable
- Recording maximum, minimum, hold and average values
- Integrated sensor holder for one hand operation
- Simultaneous display of two measured values
- Differential temperature display (ACCD655P only)
- NIST Tracable Certificate Available



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## SPECIFICATIONS:

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|                     |   |
|---------------------|---|
| Measuring Range     | -200°C to +850°C  |
| Accuracy Pt100      | ±0.03°C from -50°C to +199.99°C otherwise<br>0.05 % of reading ±0.05°C from -200°C to 200°C |
| Resolution          | 0.01°C (-200°C to +200°C) otherwise 0.1°C respectively 0.1 %                                |
| Connectors          | DIN 8-pole  |
| Display             | 2-line LCD  |
| Data Connector      | USB   |
| Working Temperature | 0 to +40°C (32 to +104°F)   |
| Housing             | plastic (ABS)   |
| Dimensions          | 8.0" x 3.5" x 1.5" (L-W-H)  |
| Weight              | 0.6 lbs   |
| Power supply        | 1 x 9v battery  |
| Batterie life       | appr. 20 hr   |

