PRECISION - Pt100 Thermometers

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. When certified is Tracable to NIST. Optional DE-Graph Windows Software for graphic and tabular documentation.

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 (ACCD755P only)
- NIST Tracable Certificate Available
- For Accessories see Page 44

High-Precision ±0.03°C Accuracy

Hazardous Area
Explosion Proof Models
Intrinsically Safe for
Ex ib IIB T4 zone 1, 2

Laboratory and Industry Applications:
- For taking measurements for quality assurance under ISO 9000
- As a reference system for your laboratory.
- For taking comparison measurements.
- Long-period monitoring of temperature with online documentation

CATALOG No.	DESCRIPTION
ACCD750P	Single Probe - Pt100 High Precision Digital Thermometer
ACCD755P	Dual Probe - Pt100 High Precision Digital Thermometer
ACCD750PEX	Explosion Proof 1 Probe Pt100 Digital Thermometer
ACCD755PEX	Explosion Proof 2 Probe Pt100 Digital Thermometer

SPECIFICATIONS:

Measuring Range:	-200°C to +850°C
Accuracy Pt100:	±0.03°C from -50°C to +199.99°C ±0.05°C from -200°C to 200°C otherwise 0.05 % of reading
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

ACCD750P & ACCD755P   General Purpose Pt100 Probes, ±0.20°C, 4 Wire platinum - 1 Meter Cable PVC

CATALOG NO.	Probe Type	T90 Response Time	Measuring Range	Length x Dia.
ACCD1001PT	Immersion w/ handle	8 sec.	-50 to +350°C	150 x 3mm
ACCD1002	Immersion w/ handle	8 sec.	-50 to +350°C	300 x 3mm
ACCD1005	Immersion w/ handle	8 sec.	-50 to +350°C	500 x 3mm
ACCD1006	Insertion w/ handle	10 sec.	-50 to +350°C	150 x 4mm
ACCD1007	Insertion w/ handle	10 sec.	-50 to +350°C	300 x 4mm
ACCD1059	Surface - w/ handle & buffer-block	45 sec.	-40 to +300°C	150 x 6mm
ACCD1075	Surface - Self Adhesive silicone patch	<3 sec.	-20 to +250°C	35x13x2mm

ACCD750P & ACCD755P High Precision Pt100 Probes, ±0.03°C (-30 to +200°C) - 1 Meter Cable PVC

CATALOG NO.	Probe Type	T90 Response Time	Measuring Range	Length x Dia.
ACCD1018	Immersion w/ handle	12 sec.	-200 to +450°C	150 x 3mm
ACCD1019	Immersion w/ handle	12 sec.	-200 to +450°C	300 x 3mm
ACCD1023	Immersion w/ handle	5 sec.	-200 to +450°C	300 x 1.4mm
ACCD1078	Immersion w/ handle	12 sec.	-200 to +450°C	300 x 6.0mm

For Complete Specifications - Accessories - Downloads Please Visit

www.ThermcoProducts.com

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