

PRECISION - Single/Dual Probe Pt100 Thermometers

DIGITAL

°F
°C

32°F

The **ACCD650P** and **ACCD655P** Handheld Pt100 Thermometers are High Precision, Metrology Grade, NIST Compliant® Instruments. These high accuracy thermometers are used when temperature measurement are critical and/or when online documentation is required. The 650P and 655P are also used as a NIST Standard to verify and calibrate routinely used instruments. When certified is traceable to NIST. Optional DE-Graph Windows Software for graphic and tabular documentation.



FEATURES:

- NIST Compliant® - 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
- For Accessories see Page 44

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
ACCD650P	Single Probe - Pt100 High Precision Digital Thermometer
ACCD655P	Dual Probe - Pt100 High Precision 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

ACCD650P & ACCD655P 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.
ACCD1001	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

ACCD650P & ACCD655P 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