

PRECISION - Pt100 Platinum Certified Digital Thermometer



PRECISION Pt100 Platinum Single Probe Precision RTD Digital Thermometers can be used as a Laboratory Temperature Standard, for the verification and calibration of liquid-in-glass, digital and dial bi-metal thermometer; as well as laboratory instruments such as freezers, refrigerators, incubators, ovens, etc.

The PRECISION - Pt100's are loaded with the features requested by most laboratories and are traceable to NIST Standards, furnished with a certificate providing traceability.

FEATURES:

- NIST Compliant®
- Includes Certificate of Accuracy
- Includes Insertion Probe.
- Pt100 Platinum according to EN 60751.
- Accuracy +/- 0.1°C -30° to 110°C
- +/- 0.5°C below -30°C & +/- 0.4°C above 110°C.
- Resolution: 0.1°C & °F.
- Records Minimum, Maximum & Average Temperatures.
- Temperature Hold Function.
- IP67 Water Proof Housing to work in almost all kinds of environments.
- Backlight.
- Display: 7 Segment LCD.
- Power: 3 AAA Batteries, Included.
- Dimensions: 6" x 2 1/2" x 1 1/4"



CATALOG No.	DESCRIPTION
10145-558	Single Pt100 Platinum Thermometer, -100/300°C & °F x 0.1°C & °F
89137-110	Certified at -20,0,4,25,37,56,95,121 °C
89137-112	Certified at -80,-20,0,4,25,37 °C
10145-560	Certified at -20,0,4,23,32 °C
10145-562	Certified at -20,0,4,25,37,44.5,105,121,1 80 °C

SPECIFICATIONS:

Inputs	Pt100, 4-wire
Measuring range	-100°C to +300°C (-148~572°F)
Accuracy (±1 digit)	±0.4°C (instrument only)
Resolution	0.1°C 0.1°F
Connectors	DIN 45326 8-pole
Working temperature	0°C to +50°C
Display	2-Line LCD
Housing	Plastic (ABS)
Dimensions (LxWxH)	150 x 66 x 31 mm
Weight	350 g
Power supply	3 x 1.5 Volt AAA
Batterie life	appr. 100 hr

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