

'0.01 Degree, Pt 100 ohm, High Precision, RS232 Precision Thermometer

The Art of Measurement

Model : TM-907A



Feature

- ✓ Professional thermometer with high accuracy & 0.01 resolution.
- ✓ Build in 0.01 & 0.1 select switch on the front panel
- ✓ RS 232 computer serial interface.
- ✓ PT 100 probe input cooperate with an 0.00385 alpha coefficient, meet DIN IEC 751
- ✓ Cooperate with 4 wires Pt-100 ohm probe, high precision
- ✓ Super large LCD with unit display, easy readout
- ✓ Data hold function to store the desired value
- ✓ Memory function to record the Maximum & Minimum reading with all
- ✓ Wide range display from -199.99 to 850.
- ✓ Built-in low battery indicator.
- ✓ Build in & select button on the front panel
- ✓ Optional carrying cases are available

ELECTRICAL SPECIFICATIONS (23±5)

Type	Resolution	Range	Accuracy
°C	0.01	-199.99 to 199.99	± (0.1 % + 0.2)
	0.1	200.0 to 850.0	
°F	0.01	-199.99 to 392.00	± (0.1 % + 0.4)
	0.1	392.0 to 1562.0	

GENERAL SPECIFICATIONS

Display	62 mm x 34 mm super large LCD display, 13 mm (0.5") digit size.	Data Output	RS232 PC serial interface.
Probe type	Platinum PT 100	Power Supply	Heavy duty or Alkaline type, DC 9V battery, 006P, MN1604 (PP3) or equivalent.
Functions	°C, °F, 0.01/0.1 Data hold.	Power Consumption	Approx. DC 15 mA.
Resolution	0.01°C / 0.1°C, 0.02°F/0.1°F	Operating Temperature	0 to 50°C (32 to 122°F).
Circuit	Use the software to make linearity correction instead the traditional hardware circuit.	Operating Humidity	Less than 80% RH.
Probe input socket	DIN 4 pin socket.	Meter Size	180x72x32 mm (7.1x2.8x1.3 inch).
Sampling Time	Approx. 0.4 second.	Meter Weight	285 g/0.62 LB.
Hold Function	To freeze the display reading value.	Standard Accessory	Operational manual
Memory Recall	Memorize the Maximum, Minimum reading with recall.	Optional Accessories	Carrying case, Pt-100 probe, RS232 cable, USB cable
Over Indication	Show " - - - - ".		Application software.

OPTIONAL ACCESSORIES

RS232 cable	RS232 cable for connecting between the meter & the computer (COM port) Model : UPCB-01
USB cable	USB cable for connecting between the meter & the computer (USB port) Model : USB-01
Software	Model : SW-U801-WIN, Windows version. * Software apply as the performance of data logging system & data recorder...