



Lutron TM-907 PRECISION 0.01 DEGREE THERMOMETER WITH RS-232C



- **Professional thermometer** with high accuracy & 0.01 resolution
- **PT 100 probe** input cooperate with an 0.00335 alpha coefficient, meet DIN IEC 751
- **Cooperate with 4 wires** PT-100 ohm probe, high precision
- **Wide range display** from -199.99 to 850°C
- **Built-in °C & °F** select button on the front panel
- **Built-in 0.01 & 0.1** select switch on the front panel
- **Super large LCD** with unit display, easy readout
- **Data hold function** for stored the desired value
- **Memory function** to record the maximum & minimum reading with recall
- **Built-in** low battery indicator
- **Standard accessory:** operational manual

ACCESSORIES

CA-06	Hard carrying case
CA-03	Vinyl soft carrying case
CA-05	Soft carrying case with sash
TP-100	100 Ohm probe (-50 ~ +400°C)
TP-100A	100 Ohm probe (-50 ~ +400°C)
UPCB-01	RS-232C cable
SW-U101-WIN	PC interface software

SPECIFICATIONS

Display:	62 mm x 34 mm super large LCD display, 13 mm (0.5") digit size
Probe type:	Platinum PT 100 ohm (0.00385 alpha DIN IEC 751)
Functions:	°C, °F, 0.01/0.1 Data hold
Circuit:	Use the software to make linearity correction instead the traditional hardware circuit
Probe input socket:	DIN 4 pin socket
Sampling time:	Approx. 0.4 second
Hold function:	To freeze the display reading value
Memory recall:	Memorize the maximum, minimum reading with recall
Over indication:	Show "----"
Power supply:	Heavy duty or Alkaline type, DC 9V battery, 006P, MN 1604 (PP3) or equivalent
Power consumption:	Approx. DC 15 mA
Operating temperature:	0°C to 50°C (32°F to 122°F)
Operating humidity:	Less than 80% RH
Meter size:	130 (H) x 72 (W) x 32 (D) mm (7.1 x 2.3 x 1.3 inch)

Meter weight: 235 gr. / 0.62 LB

ELECTRICAL SPECIFICATIONS (23°C ±5°C)

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

The accuracy is specified for the meter only