

all in one

# THERMOMETER

Model : PTM-816    *ISO-9001, CE, IEC1010*

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**Lutron**

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*The Art of Measurement*

all in one

# PTM-816 THERMOMETER

FEATURES	
* Heavy duty and all in one pen type thermometer.	
* °C/°F, 0.1 degree.	
* Meter can default the measuring unit to °C or °F.	
* Two type display, normal or reverse, easy for operation.	
* IP67, water proof and protection.	
* Data hold to freeze the display value.	
* Bright LCD display.	
* Microprocessor circuit ensures high accuracy and provides special functions and features.	
* Auto power off saves battery life.	
* Operates from DC 1.5V ( UM4/AAA ) x 4 PCs batteries.	
* Durable, long-lasting components, enclosed in strong, compact ABS-plastic housing.	

GENERAL SPECIFICATIONS	
Display	LCD size : 28 mm x 19 mm.
Temp. unit	°C or °F with default.
Circuit	Custom one-chip of microprocessor LSI circuit.
Temp. Sensor	Type Kthermocouple.
Data Hold	Freeze the display reading.
Sampling Time	Approx. 1 second.
Power off	Auto shut off saves battery life or manual off ( REC function ).
Protection	IP67, water proof.
Operating Temp.	0 to 50 °C. * Meter only.
Operating Humidity	Less than 80% R.H. * Meter only.
Power Supply	DC 1.5 V battery ( UM4/AAA ) x 4 PCs.
Power Current	Approx. DC 6.5 mA.
Weight	142 g/ 0.31 LB.
Dimension	Meter : 150 x 40 x 40 mm ( 5.9" x 1.6" x 1.6" ). Temp. Probe Sensing Head : 70 mm x 3.2 mm Dia.
Accessories Included	* Instruction manual..... 1 PC * Temp. probe protection cover..... 1 PC
Optional Accessory	Soft carrying case with sash ( 210 x 80 x 50 mm ), Model : CA-52A

ELECTRICAL SPECIFICATIONS (23± 5 °C)		
Resolution	Range	Accuracy
0.1 °C	-40.0 to 230.0 °C	± ( 0.4 % + 0.8 °C )
0.1 °F	-40.0 to 446.0 °F	± ( 0.4 % + 1.5 °F )
* If the measuring Temp. > 150 °C, then the penetration length of probe sensing head should be less than 1/2 of total length ( < 3.5 cm ).		
* -40 °C to 230 °C Temp. measuring range is for the probe sensing head only.		
* The meter's body needs to stay at the environment Temp. under 23± 5 °C.		

\* Appearance and specifications listed in this brochure are subject to change without notice.