all in one
THERMOMETER

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

Thermometer

POWER

HOLD

DISPLAY
REVERSE

100.0

°C

Lutron PTM-816

Lutron
LUTRON ELECTRONIC

The Art of Measurement

all in one
THERMOMETER
Model : PTM-816

FEATURES
* Heavy duty and all in one pen type thermometer.
* ℃/℉, 0.1 degree.
* Meter can default the measuring unit to ℃ or ℉.
* 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	℃ or ℉ with default.
Circuit	Custom one-chip of microprocessor LSI circuit.
Temp. Sensor	Type K thermocouple.
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 ℃. * 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 ℃)		
Resolution	*Range*	*Accuracy*
0.1 ℃	-40.0 to 230.0 ℃	± (0.4 % + 0.8 ℃)
0.1 ℉	-40.0 to 446.0 ℉	± (0.4 % + 1.5 ℉)

* If the measuring Temp. > 150 ℃, then the penetration length of probe sensing head should be less than 1/2 of total length (< 3.5 cm).
* -40 ℃ to 230 ℃ Temp. measuring range is for the probe sensing head only.
* The meter's body needs to stay at the environment Temp. under 23± 5 ℃.