

hybrid power, + Type K thermometer, Patent

GREEN POWER HUMIDITY/TEMP. METER

Model : HT-4006G

ISO-9001, CE, IEC1010



No battery,
Generator power



Lutron

LUTRON ELECTRONIC

The Art of Measurement

Green power, hybrid power HUMIDITY/TEMP. METER, + type K Temp. Model : HT-4006G

FEATURES

* Hybrid power, power supply from green power (handy generator) or battery. If power source come from " Green power ", battery is no need. Wind-up the generator 20 seconds will offer several minutes energy typically.
* 2 in 1 professional measuring instrument : Hygrometer (Humidity/temp. meter), Type K Thermometer.
* High precision humidity sensor with fast response time.
* Standard type K (NiCr-NiAl) thermocouple input jack suitable for all kinds of type K probe.
* Concise and compact buttons arrangement, easy operation.
* Memorize the maximum and minimum value with recall.
* °C/°F detection by pressing button on the front panel.
* Two channels display, to show both humidity and temperature measuring value at the same time.
* Hold function to freeze the current reading value.
* Microprocessor circuit assures high accuracy and reliable performance.
* Auto power shut off to battery life or manual power off.
* Using the durable, long-lasting components and a strong lightweight ABS-plastic housing case.

GENERAL SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	40 mm x 32 mm LCD (Liquid crystal display).
Measurement	Humidity/Temp., Type K Temperature.
Sensor	<i>Humidity meter :</i> Humidity - High precision thin-film capacitance sensor. Temp. - Thermistor. <i>Type k thermometer :</i> Thermocouple probe.
Data Hold	Freeze the display reading.
Memory Recall	Maximum and Minimum reading values can be saved and retrieved by record function.
Power off	Auto shut off saves battery life or manual off by push button.
Overload indication	"- - -" symbol on the display.

Operating Temperature	0 °C to 50 °C (32 °F to 122 °F).
Operating Humidity	Max. 80% RH.
Sampling Time	Approx. 1 second.
Power Supply	Green power : <i>* Hybrid power</i> Power from the handy generator, battery is no need. Battery power : DC 9V battery, 006P, MN1604 (PP3) or equivalent. <i>* Alkaline or heavy duty type.</i>
Power Consumption	Battery power : Approx. DC 10 mA.
Weight	432 g/0.95 LB (w/o battery).
Dimension	<i>Meter :</i> 170 x 70 x 39 mm (6.7 x 2.8 x 1.5 inch). <i>Anemometer probe head :</i> Round, 72 mm Dia.
Standard Accessories	Instruction manual..... 1 PC
Optional Accessories	Type K Temperature probes. Carrying case,

ELECTRICAL SPECIFICATIONS (23 ± 5 °C)

HUMIDITY/Temp. meter

Measurement	Range	Resolution	Accuracy
% RH	10 to 95 %RH	0.1 %RH	< 70% RH : ± 4 %RH
			≥ 70% RH : ± (4%rdg + 1.2 %RH)
Temperature	32 to 122 °F	0.1 °F	± 2.5 °F
	0 to 50 °C	0.1 °C	± 1.2 °C

TYPE K Thermometer

Range	Resolution	Accuracy
-148 to 2372 °F	0.1 °F	± (1% rdg + 2°F)
-100 to 1300 °C	0.1 °C	± (1% rdg + 1°C)

PATENT	CHINA : ZL200620012764.3 JAPAN : 3130269	GERMANY : Nr.202006007329.9 U.S.A. : PENDING	TAIWAN : M299401
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* Appearance and specifications listed in this brochure are subject to change without notice.