

Humidity, Dew Point, Temperature

HUMIDITY METER

Model : HT-3015HA

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

HUMIDITY METER

Model : HT-3015HA

FEATURES

* Humidity + Temperature + Dew point are combined into one meter, intelligent and professional.
* 0.01 %RH resolution for the humidity reading, 0.01 degree resolution for the Temp. reading.
* Fast humidity measuring response time.
* High accuracy and high precision.
* Dew point measurement.
* Just few panel buttons, easy operation.
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
* Large LCD with two display, easy readout.
* Heavy duty & compact housing case, designed for easy carry out & operation.
* Records Maximum and Minimum readings with Recall.
* Auto shut off saves battery life.
* Data hold function for freezing the desired value on display.
* Show the humidity & temperature values on the LCD display at same time.
* Built-in low battery indicator.
Wide humidity & temp. measuring range.
* Separate humidity & temp. probe, easy operation. & remote measurement.

2-1 General Specifications

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	LCD size : 61 mm x 35 mm dual function LCD display.
Measurement Unit	Humidity : %RH (Relative Humidity) Temperature : °C or °F. Dew point : °C or °F.
Response Time	5 to 30 seconds typically. <i>@ Reach the 85% reading value</i>
Temperature Compensation	Automatic temp. compensation for the humidity function.
Data Hold	Freeze the display reading.
Memory Recall	Maximum & Minimum value.
Sampling Time	Approx. 0.8 second.
Power off	Auto shut off saves battery life or manual off by push button.

Operating Temperature	0 to 50 °C.
Operating Humidity	Main instrument : Less than 85% R.H. Probe : 0 to 95 %RH.
Power Supply	006P DC 9V battery (Alkaline or Heavy duty type).
Power Current	Approx. DC 4.6 mA.
Weight	306 g/0.67 LB. <i>@ Battery is included.</i>
Dimension	Main instrument: 185 x 78 x 38 mm (7.1 x 3.1 x 1.5 inch) Humidity Sensor Probe : 197 mm (7.8 inch) in length.
Accessories Included	Instruction manual..... 1 PC Humidity probe..... 1 PC Carrying case..... 1 PC

ELECTRICAL SPECIFICATIONS (23±5 °C)

<i>Humidity/ Temperature</i>		
Humidity	Range	10 % to 95 % R.H.
	Resolution	0.01 % R.H.
	Accuracy	≥ 70% RH : ± (3% reading + 1% RH). < 70% RH : ± 3% RH.
Temperature	Range	0 °C to 50 °C, 32 °F to 122 °F.
	Resolution	0.01 degree
	Accuracy	°C - ± 0.8 °C. °F - ± 1.5 °F.

<i>Dew Point</i>		
°C	Range	-25.3 °C to 48.9 °C
	Resolution	0.01 °C
°F	Range	-13.5 °F to 120.1 °F.
	Resolution	0.01 °F.

Remark :

* Dew Point display value is calculated from the Humidity/Temp. measurement automatically.

* The Dew Point accuracy is sum accuracy value of Humidity & Temperature measurement..