Humidity, Dew Point, Temperature, economical type

HUMIDITY/TEMP. METER

Model : HT-305E   *ISO-9001, CE, IEC1010*

LUTRON ELECTRONIC

The Art of Measurement

Humidity /Temp. / Dew Point Pocket size

HUMIDITY METER
Model : HT-305E

FEATURES	
* Humidity + Temperature + Dew point are combined into one meter, intelligent and professional.	* LCD with two display, easy readout.
* 0.1 %RH resolution for the humidity reading, 0.1 degree resolution for the Temp. reading.	* Heavy duty & compact housing case, designed for easy carry out & operation.
	* Records Maximum and Minimum readings with Recall.
* Pocket size with Separate humidity & temp. probe, easy operation. & remote measurement.	* Auto shut off saves battery life.
* Fast humidity measuring response time.	* Data hold function for freezing the desired value on display.
* High accuracy and high precision.	* Show the humidity & temperature values on the LCD display at same time.
* Dew point measurement.	
* Just few panel buttons, easy operation.	* Built-in low battery indicator.
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.	* Wide humidity & temp. measuring range.

GENERAL SPECIFICATIONS			
Circuit	Custom one-chip of microprocessor LSI circuit.	Operating Humidity	Probe : Less than %RH.
			Main instrument : Less than 85% R.H.
Display	LCD size : 44 mm x 29 mm dual function LCD display.	Power Supply	006P DC 9V battery (Alkaline or Heavy duty type).
Measurement Unit	Humidity : %RH (Relative Humidity)	Power Current	Approx. DC 4.6 mA.
	Temperature : ℃ or ℉.	Weight	264 g/0.67 LB.
	Dew point : ℃ or ℉.		
Response Time	5 to 30 seconds typically. @ Reach the 85% reading value	Dimension	*Main instrument :* 135 x 60 x 33 mm, (5.3 x 2.4 x 1.3 inch).
Temperature Compensation	Automatic temp. compensation for the humidity function.		*Humidity Sensor Probe :* 197 mm (7.8 inch) in length.
Data Hold	Freeze the display reading.		
Memory Recall	Maximum & Minimum value.	Accessories Included	Instruction manual...................... 1 PC
Sampling Time	Approx. 0.8 second.		Humidity probe........................... 1 PC
Power off	Auto shut off saves battery life.	Optional Accessories	Hard carrying case CA-06
Operating Temperature	0 to 50 ℃.		Soft carrying case........................ CA-05A

ELECTRICAL SPECIFICATIONS (23± 5 ℃)					
Humidity/ Temperature			*Dew Point*		
Humidity	Range	10 % to 95 % R.H.	℃	Range	-25.3 ℃ to 48.9 ℃
	Resolution	0.1 % R.H.		Resolution	0.1 ℃
	Accuracy	< 70% RH : ± 3 %RH.	℉	Range	-13.5 ℉ to 120.1 ℉.
				Resolution	0.1 ℉.
		≧70% RH : ± (3% reading + 1 %RH).	*Remark :* * Dew Point display value is calculated from the Humidity/Temp. measurement automatically.		
Temperature	Range	0 ℃ to 50 ℃,32 ℉ to 122 ℉.			
	Resolution	0.1 degree	* The Dew Point accuracy is sum accuracy value of Humidity & Temperature measurement.		
	Accuracy	℃ - 0.8 ℃. ℉ - 1.5 ℉.			

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