



*Humidity, Dew Point, Temperature, Fast response*

# **HUMIDITY METER**

**Model : HT-305**

*ISO-9001, CE, IEC1010*



**LUTRON ELECTRONIC**

***The Art of Measurement***



**Humidity + Temp. + Dew Point Pocket size**  
**HUMIDITY METER**  
**Model : HT-305**

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.
* Pocket size with Separate humidity & temp. probe, easy operation. & remote measurement.	* Records Maximum and Minimum readings with Recall.
* Fast humidity measuring response time.	* Auto shut off saves battery life.
* High accuracy and high precision.	* Data hold function for freezing the desired value on display.
* Dew point measurement.	* Show the humidity & temperature values on the LCD display at same time.
* 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.
	* DC 9V power adapter input socket.

GENERAL SPECIFICATIONS			
Circuit	Custom one-chip of microprocessor LSI circuit.	Operating Humidity	Probe : 0 to 95 %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 : °C or °F.	Weight	264 g/0.67 LB. <i>@ Battery is included.</i>
	Dew point : °C or °F.		
Response Time	5 to 30 seconds typically. <i>@ Reach the 85% reading value</i>	Dimension	Main instrument : 135 x 60 x 33 mm, ( 5.3 x 2.4 x 1.3 inch ). Humidity Sensor Probe : 197 mm ( 7.8 inch ) in length.
Temperature Compensation	Automatic temp. compensation for the humidity function.		
Data Hold	Freeze the display reading.		
Memory Recall	Maximum & Minimum value.	Accessories Included	Instruction manual..... 1 PC Humidity probe..... 1 PC
Sampling Time	Approx. 0.8 second.	Optional Accessories	Hard carrying case ..... CA-06 Soft carrying case..... CA-05A
Power off	Auto shut off saves battery life.		
Operating Temperature	Probe : -20 to 60 °C.		
	Main instrument : 0 to 50 °C.		

ELECTRICAL SPECIFICATIONS (23±5 °C)					
Humidity/ Temperature			Dew Point		
Humidity	Range	10 % to 95 % R.H.	°C	Range	-25.3 °C to 48.9 °C
	Resolution	0.1 % R.H.		Resolution	0.1 °C
	Accuracy	< 70% RH : ± 3 %RH. ≥ 70% RH : ± (3% reading + 1 %RH).	°F	Range	-13.5 °F to 120.1 °F.
Resolution				0.1 °F.	
Temperature	Range	-20 °C to 60 °C.	<i>Remark :</i> * Dew Point display value is calculated from the Humidity/Temp. measurement automatically. * The Dew Point accuracy is sum accuracy value of Humidity & Temperature measurement..		
	Resolution	0.1 degree			
	Accuracy	°C - 0.8 °C. °F - 1.5 °F.			

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