

Humidity, Dew Point, Temperature, Fast response

HUMIDITY METER

Model : HT-305

ISO-9001, CE, IEC1010

www.yalab.com.tw

02-2389-0101



Lutron

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The Art of Measurement

Humidity + Temp. + Dew Point Pocketsize 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 : Less than 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) Temperature : °C or °F. Dew point : °C or °F.	Power Current	Approx. DC 4.6 mA.
Response Time	5 to 30 seconds typically. @ Reach the 85% reading value	Weight	264 g/0.67 LB. @ Battery is included.
Temperature Compensation	Automatic temp. compensation for the humidity function.	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.
Data Hold	Freeze the display reading.	Accessories Included	Instruction manual.....1 PC Humidity probe..... 1 PC
Memory Recall	Maximum & Minimum value.	Optional Accessories	Hard carrying case CA-06 Soft carrying case..... CA-05A
Sampling Time	Approx. 0.8 second.		
Power off	Auto shut off saves battery life.		
Operating Temperature	0 to 50 °C.		

ELECTRICAL SPECIFICATIONS (23± 5 °C)

Humidity/ Temperature		Dew Point	
Humidity	Range	10 % to 95 % R.H.	°C
	Resolution	0.1 % R.H.	Range
	Accuracy	< 70% RH : ± 3 %RH.	Resolution
Temperature	Range	≥70% RH : ± (3% reading + 1 %RH). 0 °C to 50 °C, 32 °F to 122 °F.	°F
	Resolution	0.1 degree	Range
	Accuracy	°C - 0.8 °C. °F - 1.5 °F.	Resolution
		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..	

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

HT305+1009