PRECISION

HUMIDITY/TEMP./DEW POINT METER

Model : HT-3009   *ISO-9001, CE, IEC1010*

FEATURES

* The best professional hygrometer.
* Humidity + Temperature + Dew point are combined into one meter.
* 0.01 %RH humidity resolution.
* 0.01 degree temerature resolution.
* Very fast humidity measuring response time.
* 2 %RH humidity accuracy.
* Dew point measurement.
* Manual and auto data logger.
* Data logger function with flexible sampling time selection, can save max. 1000 reading data with recall.
* Records Max. and Min. readings.
* Auto shut off saves battery life.
* Data hold.
* RS 232 PC serial interface.
* Separate humidity & temp. probe, easy operation. & remote measurement.

LUTRON ELECTRONIC

PRECISION HUMIDITY + TEMP. + DEW POINT METER
Model : HT-3009

FEATURES	
* The best hygrometer in the world.	* Large LCD with two display, easy readout.
* Humidity + Temperature + Dew point are combined into one meter, intelligent and professional.	* Heavy duty & compact housing case, designed for easy carry out & operation.
* 0.01 %RH resolution for the humidity reading, 0.01 degree resolution for the humidity reading.	* Records Maximum and Minimum readings with Recall.
* Very fast humidity measuring response time.	* Auto shut off saves battery life.
* 2 %RH humidity accuracy, high precision.	* Data hold function for freezing the desired value on display.
* Dew point measurement.	* RS 232 PC serial interface.
* Manual and auto data logger.	* Show the humidity & temperature values on the LCD display at same time.
* Data logger function with flexible sampling time selection, can save max. 1000 reading data with recall.	
* Just few panel buttons, easy operation.	* Built-in low battery indicator. Wide humidity & temp. measuring range.
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.	* Separate humidity & temp. probe, easy operation. & remote measurement.

GENERAL SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.		Data Output	RS 232 PC serial interface.
Display	59 mm x 34 mm, 16 mm (0.63") digit size. dual function LCD display,		Operating Temperature	Meter :	0 to 50 ℃.
				Probe :	0 to 60 ℃.
Measurement Unit	*Humidity :* %RH (Relative Humidity)		Operating Humidity	Main instrument : Less than 80% R.H.
	Temperature : ℃ or ℉.			Probe : 0 to 100 %RH.
	Dew point : ℃ or ℉.		Power Supply	006P DC 9V battery *(Alkaline or Heavy duty type).*
Response Time	Less than 4 seconds. *@ Reach the 85% reading value*		Power Current	Approx. DC 4.6 mA.
			Weight	313 g/0.69 LB. *@ Battery is not included.*
Temperature Compensation	Automatic temp. compensation for the humidity function.		Dimension	*Main instrument :* 203 x 76 x 38 mm (8.0 x 3.0 x 1.5 inch).
Sampling Time of Data Logger	Manual	Push the data logger button once will save the data one time.		*Humidity Sensor Probe :* 197 mm (7.8 inch) in length.
	Auto	1, 2, 10, 30, 60, 600, 1800, 3600 seconds.	Accessories Included	Instruction manual.......................1 PC. Humidity probe............................1 PC.
Data Hold	Freeze the display reading by push button.			Carrying case...............................1 PC.
Memory Recall	Maximum & Minimum value.		Optional Accessories	RS232 cable, UPCB-02
Sampling Time	Approx. 0.8 second.			USB cable, USB-01
Power off	Auto shut off saves battery life or manual off by push button.			Data Acquisitio software, SW-U801-WIN
				Data Logger software, SW-DL2005

ELECTRICAL SPECIFICATIONS

Humidity/ Temperature

Humidity	Range	0 % to 100 % R.H.
	Resolution	0.01 % R.H.
	Accuracy	± 2% R.H. *@ 20 %RH to 80 %RH @ 10 ℃ to 40 ℃*
Temperature	Range	0 ℃ to 50 ℃, 32 ℉ to 122 ℉.
	Resolution	0.01 degree
	Accuracy	℃ - ± 0.5 ℃. *@ 5 ℃ to 35 ℃.*

Dew Point

℃	Range	-25.3 ℃ to 48.9 ℃
	Resolution	0.01 ℃
℉	Range	-13.5 ℉ to 120.1 ℉.
	Resolution	0.01 ℉.

* Appearance and specifications listed in this brochure are subject to change without notice. 0703-HT3009