

HUMIDITY METER

Model : HT-3005



FEATURES	
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.	* Show the humidity & temperature values on the LCD display at same time.
* Super large LCD display with contrast adjustment for best viewing angle.	* Temperature function for °C or °F be selected by push button on front panel easily.
* Dual function meter's display.	* Built-in low battery indicator.
* Heavy duty & compact housing case, designed for easy carry out & operation.	* Humidity measurement uses a high precision thin-film capacitance sensor for fast response, not depend on air movement past the probe.
* Records Maximum, Minimum and Average readings with RECALL.	* Thermistor sensor for temperature measurement, fast response time.
* DATA HOLD function for stored the desired value on display.	* Wide range both of humidity & temperature measurement.
* Auto shut off saves battery life.	* Separate humidity & temp. probe, easy operation. & remote measurement.
* RS 232 PC serial interface.	

GENERAL SPECIFICATIONS			
Circuit	Custom one-chip of micro-processor LSI circuit.	Sampling Time	Approx. 0.8 second.
		Data Output	RS 232 PC serial interface.
Display	* 13 mm(0.5") Super large LCD display with contrast adjustment for best viewing angle. * Dual function meter's display.	Operating Temperature	0 °C to 50 °C (32 °F to 122 °F)
		Operating Humidity	Main instrument : Max. 85% R.H. Probe : Max. 95% R.H.
Measurement	R.H.(Relative Humidity), Temperature : °C, °F.	Power Supply	006P DC 9V battery(heavy duty).
		Power Current	Approx. DC 8.5 mA.
Sensor	Humidity : High precision thin-film capacitance sensor. Temperature : Precision Thermistor	Weight	345 g/0.76 LB
		Dimension	Main instrument: 180x72x32 mm (7.1x2.8x1.3 inch). Sensor Probe: Round 26 mm Dia. x 160 mm.
Data Hold	By push button		Instruction manual..... 1 PC.
Memory Recall	Records Maximum, Minimum and Average readings with RECALL.	Accessories	Sensor probe..... 1 PC. Carrying Case..... 1 PC.
		Optional	33% RH HUMIDITY CALIBRATOR.....RHA-33
Power off	Auto shut off, saves battery life, Or manual off by push button.	Accessories	33% RH HUMIDITY CALIBRATOR.....RHA-75

ELECTRICAL SPECIFICATIONS		
Humidity	Range	10% to 95% R.H.
	Resolution	0.1% R.H.
	Accuracy(23 ± 5 °C) (after calibration)	≥ 70%R.H. - ± (3% reading + 1% R.H.) < 70%R.H. - ± 3% R.H.
Temperature	Range	0 °C to 50 °C, 32 °F to 122 °C.
	Resolution	0.1
	Accuracy	°C - 0.8 °C. °F - 1.5 °F.

Humidity Calibrator (Humidity calibration standard), optional	
33% RH HUMIDITY CALIBRATOR.....	Model : RHA-33
75% RH HUMIDITY CALIBRATOR.....	Model : RHA-75
Size : Round 70 mm dia. x 52 mm (2.8 inch dia. x 2.0 inch.)	