



HUMIDITY/Temp. METER

Model : YK-80HT

FEATURES	
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.	* Auto shut off saves battery life.
* Large LCD display.	* RS 232 PC serial interface.
* Dual function meter's display.	* Temperature function for °C or °F be selected by push button on front panel easily.
* Show the humidity & temperature values on the LCD display at same time.	* 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,
* Records Maximum and Minimum 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.
	* Separate humidity & temp. probe, easy operation. & remote measurement.

GENERAL SPECIFICATIONS			
Circuit	Custom one-chip of micro-processor LSI circuit.	Operating Humidity	Main instrument Max. 85% R.H. Probe Max. 95% R.H.
Display	* 51 mm x 32 mm supper large LCD display. * Dual function meter's display.	Power Supply	006P DC 9V battery (Alkaline or Heavy duty type).
Measurement	R.H.(Relative Humidity), Temperature : °C, °F.	Power Current	Approx. DC 8.5 mA.
Sensor	<i>Humidity :</i> High precision thin-film capacitance sensor. <i>Temperature :</i> Precision Thermistor	Weight	220 g/0.48 LB.
Data Hold	By push button	Dimension	<i>Main instrument:</i> HWD 200 x 68 x 30 mm (7.9 x 2.7 x 1.2 inch). <i>Sensor Probe:</i> Round 26 mm Dia. x 160 mm.
Memory Recall	Records Maximum and Minimum readings with RECALL.	Accessories Included	Instruction manual.....1 PC. Sensor probe.....1 PC.
Power off	Auto shut off, saves battery life, Or manual off by push button.	Optional Accessories	33% RH HUMIDITY CALIBRATOR, RHA-33 33% RH HUMIDITY CALIBRATOR, RHA-75
Sampling Time	Approx. 0.8 second.		Hard Carrying Case, CA-06 Soft Carrying Case, CA-05A
Data Output	RS 232 PC serial interface.		
Operating Temperature	0 °C to 50 °C(32 °F to 122 °F)		

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 °F.
	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.)	

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

CAT-0302-YK80HT