%RH, Welt bulb, Dew point, Type K/J Temp.

PRECISION HYGROMETER

Model : 46011





Your purchase of this PRECISION HYGROMETER marks a step forward for you into the field of precision measurement. Although this Meter is a complex and delicate instrument, its durable structure will allow many years of use if proper operating techniques are developed. Please read the following instructions carefully and always keep this manual within easy reach.

OPERATION MANUAL

2. SPECIFICATIONS

2-1 General Specifications

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	LCD size : 52 mm x 38 mm LCD with green backlight (ON/OFF).
Measurement Unit	Humidity/Temp. : %RH/℃ or ℉. Dew point (Humidity) : ℃ or ℉. Wet bulb (Humidity) : ℃ or ℉. Type K/J thermometer : ℃ or ℉.
Advanced setting	* Set clock time (Year/Month/Date, Hour/Minute/ Second) * Auto power OFF management * Set beep Sound ON/OFF * Set temperature unit to ℃ or ℉ * Set thermometer type to Type K or Type J
Temperature Compensation	Automatic temp. compensation for the humidity function and the type K/J thermometer.
Data Hold	Freeze the display reading.
Memory Recall	Maximum & Minimum value.
Sampling Time of Display	Approx. 1 second.
Data Output	RS 232/USB PC computer interface. * *Connect the optional RS232 cable UPCB-02 will get the RS232 plug.* * *Connect the optional USB cable USB-01 will get the USB plug.*
Operating Temperature	0 to 50 ℃.
Operating Humidity	Less than 85% R.H.

Power Supply	* Alkaline or heavy duty DC 1.5 V battery (UM3, AA) x 6 PCs, or equivalent.
	* DC 9V adapter input. (AC/DC power adapter is optional).
Power Current	Normal operation LCD Backlight is OFF) : *Approx. DC 3.5 mA.*
	* *If LCD backlight on, the power consumption will increase approx. 12 mA.*
Weight	489 g/1.08 LB.
Dimension	177 x 68 x 45 mm (7.0 x 2.7x 1.9 inch)
Standard Accessories Included	* Instruction manual.....1 PC * Humidity/Temp. probe.....1 PC * Soft carrying case (CA-05A).....1 PC
Optional Accessories	Type K thermocouple probe. AC to DC 9V adapter. USB cable, USB-01. RS232 cable, UPCB-02. Data Acquisition software,SW-U801-WIN. Hard carrying case, CA-06