

*Data output interface*

# **HUMIDITY/TEMP. MONITOR**

**Model : MHT-371**

**ISO-9001, CE, IEC1010**



**Lutron**

**LUTRON ELECTRONIC**

***The Art of Measurement***

# *Data output interface*

# **HUMIDITY/TEMP. MONITOR**

## **Model : MHT-371**

### **FEATURES**

* Show Humidity and Temperature value in the same LCD.
* 0.1 %RH resolution for the humidity reading, 0.1 degree resolution for the Temp. reading.
* Used the precision capacitance type humidity sensor, professional and high accuracy.
* Large LCD display, easy readout.
* Microcomputer circuit, high reliability.
* Low power consumption and long battery life when use battery power.
* DC 1.5V ( UM-4, AAA ) battery x 6 PCs or DC 9V adapter in.
* RS232/USB computer interface.

Power Supply	* .Alkaline or heavy duty DC 1.5 V battery ( UM4, AAA ) x 6 PCs, or equivalent. * .DC 9V adapter input. ( AC/DC power adapter is optional ).
Battery life	If use the new battery ( alkaline type ) the battery life will be > one month typically.
Weight	282 g/0.62 LB.
Dimension	132 x 80 x 32 mm ( 5.2 x 3.1 x 1.3 inch )
Accessories Included	Instruction manual.....1 PC Hanging unit ( with sticker )..... 1 PC
Optional Accessories	AC to DC 9V adapter. USB cable, USB-01. RS232 cable, UPCB-02. Data Acquisition software, SW-U801-WIN.

### **GENERAL SPECIFICATIONS**

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	LCD size : 60 mm x 50 mm
Measurement	Humidity and Temperature
Advanced setting	* Set beeper sound ON/OFF * Select the Temp. unit to °C or °F * Set RS232 data output ON/OFF
Update Time of Display	Approx. 1 second if measuring data is changed.
Data Output	RS 232/USB PC computer interface. * <i>Connect the optional RS232 cable. UPCB-02 will get the RS232 plug.</i> * <i>Connect the optional USB cable USB-01 will get the USB plug.</i>
Operating Temperature	0 to 50 °C .
Operating Humidity	Less than 90 %R.H.

### **ELECTRICAL SPECIFICATIONS (23± 5 °C)**

#### **Humidity**

Range	10 % to 90 % R.H.
Resolution	0.1 % R.H.
Accuracy	≥ 70% RH : ± ( 4% reading + 1% RH ).  < 70% RH : ± 4% RH.

#### **Temperature**

Range	0 °C to 50 °C , 32 °F to 122 °F.
Resolution	0.1 degree
Accuracy	°C - ± 0.8 °C . °F - ± 1.5 °F .

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

1503-MHT371