REED

Model LM-81HT

Thermo-Hygrometer

Instruction Manual

Table of Contents

Features

- Large dual display shows ambient temperature and relative humidity
- User selectable °F/°C
- Data Hold and Min/Max function
- Compact and lightweight
- Includes battery
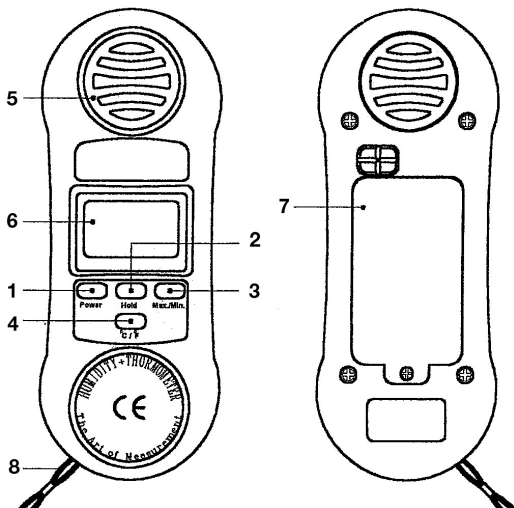
Specifications

Display: 8 mm LCD display

Operating Humidity: Max 80% RH

Operating Temperature: 0 to 50°C (32 to 122°F)

Power Supply: 006P DC 9V battery (Heavy duty type)

Power Consumption: Approx. DC 6.2 mA

Weight: 160g (battery included)

Dimensions: 156 x 60 x 33mm (6.14 x 2.36 x 1.29")

Optional Accessories: Soft Carrying Case (CA-52A)

Measurement	Range	Accuracy	Resolution
Humidity	10 to 95% RH	< 70% RH: ± 4% RH ≥ 70% RH: (4% rdg +1.2% RH)	0.1% RH
Temperature (thermister)	32 to 122°F	± 2.5°F	0.1°F
	0 to 50°C	± 1.2°C	0.1°C

Instrument Description

1. Power Button
2. Hold Button
3. Max/Min Button
4. °C/°F Button
5. RH/Temperature Sensor
6. LCD display
7. Battery Compartment /Cover
8. Wristlet

Operating Instructions

1. Power on the instrument by pressing the Power Button
2. At the mean time the reading value of relative humidity and temperature will be displayed on the LCD display
3. Pressing the °C/°F Button will select the temperature reading unit to °C or °F
4. When the meter be applied in a new environment, a few minutes are required to reach the stable situation

Hold Function

Pressing the Hold Button will freeze the current value with a "HOLD" symbol on the display. Press again to release the hold function.

Data Record Function

The Data Record function records & displays the maximum and minimum reading values.

1. Press the Max/Min Button once and the "Max" symbol along with the maximum value will appear on the display.
2. Press the Max/Min Button again, the "Min" symbol along with the minimum value will appear on the display.
3. To exit the memory record function, press the Max/Min Button continuously for at least 2 seconds. The display will revert to the current reading.
4. Clear the Max/Min value recorded by pressing the Hold Button. Previous recorded Max/Min value will be given up and then revert to the REC. function keep on recording.

Auto Power Off

In order to prolong the battery life, the instrument has "Auto Power Off" function. The meter will switch off automatically if no buttons are pressed for around 10 minutes.

Battery Replacement

When the left corner of the LCD display shows the low battery symbol, this indicates that replacement of the battery is then needed. However measurements could still be taken for another few hours before the meter becomes inaccurate.

1. Open the Battery Cover at the back of the meter and remove the battery
2. Replace with a 9V battery (alkaline or heavy-duty type) and reinstall the cover

For service on this or any other REED product or information on other REED products, contact REED Instruments at info@reedinstruments.com

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