

TENMA MINI TEMPERATURE & HUMIDITY METER

User Manual

Introduction

Thank you for your purchase of this precision, handheld Hygro-thermometer. This device measures humidity and ambient air temperature. Advanced features include automatic power off and MAX/MIN reading. Careful use of this meter will provide years of reliable service.

Features

- Resolution 0.1%RH, 0.1°C/°F
- Max Hold and Min Hold Function
- Dual Display Temperature & Humidity
- Auto Power Off, Disable Sleep Mode
- Backlight

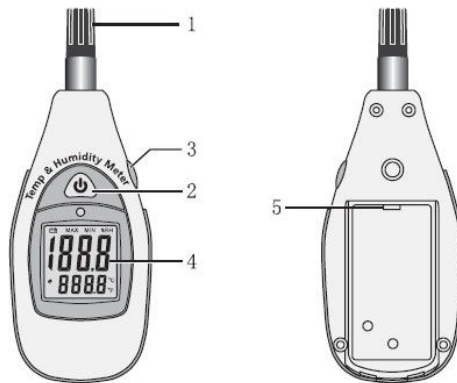
Specifications

Function	Range and Resolution	Accuracy
Humidity	0~100% RH	±3.5% RH (20~80%) ±5.0% RH (0~20%; 80~100%)
Temperature	-20~ 60°C (-4~140°F)	±1°C (0°C~ 40°C) ±2°C (-20°C~ 0°C; 40°C~ 60°C)

Display	Dual digital LCD display with backlight
Response Time	<15 seconds (90% final value in moving air)
Sensor Type	A single chip relative-humidity and temperature multi-sensor module with a calibrated digital output
Polarity	Automatic, (-) negative polarity indication
Low battery	The "🔋" is displayed when the battery voltage drops below is operating level.
Auto Power Off	Meter automatically shuts down after approx. 30 minutes of inactivity (sleep Mode). To override Auto Power Off function, firstly press the MAX/MIN button and hold, then press power button, after the display appears, release both buttons. "🔄" will not display on the LCD; the unit will now not auto power off.
Power	One (1) 9V battery
Battery Life	Approx. 48 hours
Dimensions / Weight	210(L) x 55(W) x 32(H) mm; 135g (including battery)
Operating Conditions	0~ 50°C (32~122°F); < 80% RH non-condensing
Storage Conditions	-40~ 85°C (-40~185°F); <99% RH non-condensing

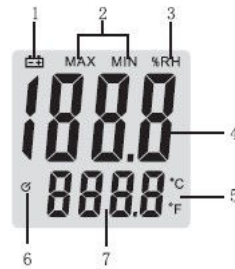
Configuration

1. Humidity & Temperature Sensor
2. Power ON/OFF Button
3. MIN/MAX Button
4. LCD Display
5. °C/°F Switch (accessible through battery compartment)



Display

1. Low Battery Symbol
2. MAX or MIN Indicator
3. %RH Symbol
4. Humidity Value
5. °C/°F Indicator
6. Auto Power Off Symbol
7. Temperature Value



Function

Humidity and air temperature measurements

- Hold the probe in the area to be tested & allow adequate time for readings to stabilize.
- Press °C/°F switch to select °F or °C measurement.
- Read the relative humidity and air temperature.


*NOTE: Do not immerse the probe in liquid,
it is intended for open air use only.*

Minimum and Maximum Function

The MIN/MAX mode allows the user to view only the lowest (MIN) or highest (MAX) readings.

- Press the MIN/MAX button once and “MAX” appears on the display. The LCD is now displaying the maximum reading of the selected parameter in the display. The display will not change until a higher reading is registered.
- Press the MIN/MAX button again and “MIN” appears on the display. The LCD is now displaying the minimum reading of the selected parameter in the display. The display will not change until a lower reading is registered.
- Hold the MIN/MAX button for 3 seconds to exit the MIN/MAX mode, and the “MAX” or “MIN” icon will disappear.
- MIN/MAX readings will reset when unit is powered off.

Battery Replacement

If the  appears on the LCD display, the battery should be replaced. Open the battery case and replace the exhausted battery with a new 9V battery.



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