

# Mini Temperature & Humidity Meter

## User Manual

### Introduction

Congratulations on your purchase of the Precision Hygro-Thermometer. This device measures Humidity, Air Temperature. Advanced features include Auto 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/0.1°F
- Max Hold and Min Hold Function
- Micro Processor-based Design
- Dual Display Temperature & Humidity
- Auto Power Off, Disable Sleep Mode
- Backlight

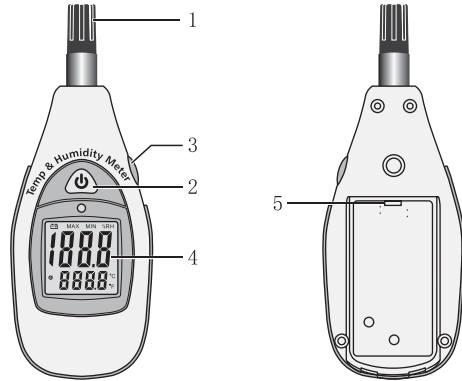
### Specifications

Function	Range & Resolution	Accuracy
Humidity	0.0 to 100.0%RH	±3.5%RH (20% to 80%) ±5%RH (0% to 20% & 80% to 100%)
Temperature	-20.0°C to 60.0°C (-4°F to 140°F)	±1°C (0°C to 40°C) ±2°C (-20°C to 0°C & 40°C to 60°C)

<b>Display</b>	Dual digital LCD display with backlight
<b>Sensor Type</b>	A single chip relative humidity and temperature multi sensor module comprising a calibrated digital output
<b>Response Time</b>	< 15 seconds (90% of final value in moving air)
<b>Polarity</b>	Automatic, (-) negative polarity indication
<b>Low battery indication</b>	The "⚡" is displayed when the battery voltage drops below the operating level.
<b>Operating Conditions</b>	0°C to 50°C (32°F to 122°F); < 80% RH non-condensing
<b>Storage Conditions</b>	-40°C to 85°C (-40°F to 185°F); < 99% RH non-condensing
<b>Auto Power Off</b>	Meter automatically shuts down after approx. 30 minutes of inactivity (Sleep Mode) To override Auto Power Off function (Non-Sleep Mode), firstly press the MAX/MIN button and hold, then press power button, after the display appears, release both buttons. Icon "⏻" will not shown on the LCD. The unit will not auto power off now.
<b>Power</b>	One standard 9V, NEDA1604 or 6F22 battery.
<b>Battery Life</b>	Approx. 48 hours
<b>Dimensions</b>	10(L) x 55(W) x 32(H) mm
<b>Weight</b>	135g

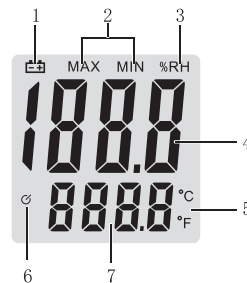
## Configuration

- 1-Humidity & Temperature Sensor
- 2-Power ON/OFF button
- 3-MAX/MIN button
- 4-LCD display
- 5-°C/°F switch



## Indicator

- 1-Low battery symbol
- 2-MAX or MIN Symbols
- 3-%RH symbol
- 4-Humidity value
- 5-°C/°F symbol
- 6-Auto power off symbol
- 7-Temperature symbol



## Function

### Power

Press the power button to turn power on or off.

### 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 enter selector °F or °C measurement.
- Read the Relative Humidity and Air Temperature.

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


### Minimum (MIN) Maximum (MAX) 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.
- Press the MIN/MAX button for 3 seconds to exit the MIN/MAX mode, and the "MAX" or "MIN" icon will disappear.

Note: While powering on the meter per time, it restarts recording Minimum and Maximum and the recordings don't stop until the meter is turned off.

## Battery Replacement

If the sign "  " appears on the LCD display, it indicates that the battery should be replaced. Open the battery case and replace the exhausted battery with new battery. (1 x 9V battery NEDA 1604, 6F22 or equivalent)



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