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

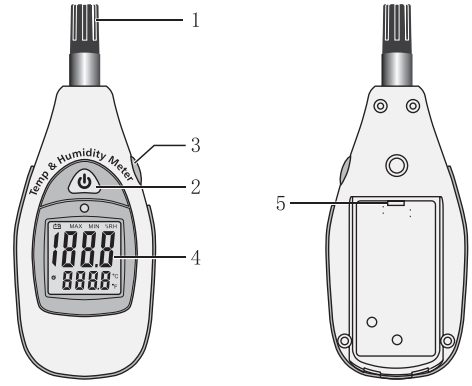
Specifications

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)

Display	Dual digital LCD display with backlight
Sensor Type	A single chip relative humidity and temperature multi sensor module comprising a calibrated digital output
Response Time	<15 seconds (90% of final value in moving air)
Polarity	Automatic, (-) negative polarity indication
Low battery indication	The "🔋" is displayed when the battery voltage drops below the operating level.
Operating Conditions	0°C to 50°C(32°F to 122°F); < 80% RH non-condensing
Storage Conditions	-40°C to 85°C(-40°F to 185°F); <99% RH non-condensing
Auto Power Off	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.
Power	One standard 9V, NEDA1604 or 6F22 battery.
Battery Life	Approx. 48 hours
Dimensions	10(L) x 55(W) x 32(H) mm
Weight	135g

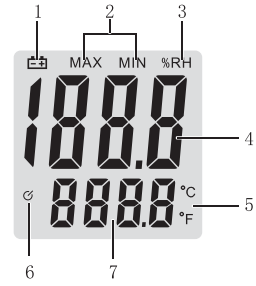
Configuration

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)

Rev.100512