

User's Manual for Thermo-Hygrometer PN

The digital Thermo-Hygrometer PN measures ambient temperature and relative humidity. The meter has a:

- Min/Max function with reset capability
- Sleep / non-sleep mode. Auto-off after 20 minutes.
- Hold function
- Pocket-size with belt clip, pen-shaped to measure small areas.

Measuring:

1. The meter is turned on by pressing the ON/OFF button. The meter will turn itself off after 20 minutes. Press the ON/OFF button to turn the meter off at any time. See below, how to put the meter in non-sleep mode. Both values for temperature and relative humidity are displayed. The value for relative humidity is indicated by “%” and temperature is indicated by “F”.
2. Change the temperature value from degree Fahrenheit to Celsius: Press the TEMP (°F/°C) button in the lower left section of the instrument. The values for Fahrenheit and Celsius toggle between each other until the button is released. Release the button when the desired unit is displayed. During that time no measurements are taken.

Changing sleep mode to non-sleep mode - always on:

1. Unit will turn itself off after 20 minutes (sleep mode).
2. To override the “20-minutes-off” function into “on” at all times (non-sleep mode), turn the meter off. Then, press and hold the ON/OFF button and wait until the default 888 display appears. Next, press the MIN/MAX button and release the ON/OFF button. The letter “n” appears in the center of the display. Release the MIN / MAX button. The meter is now in non-sleep mode, until the ON/OFF button is pressed to turn the meter off.

Hold function:

To start the hold function press HOLD button until HLD appears in the upper right corner of the display. No more measurements are taken. Function helps to read display after measurements have been taken in a location, where the display cannot be read. To start measuring again, press the RESET button.



Applications:

- Home
- Office
- Shop
- Warehouses
- Manufacturing Facilities
- Wood Processing
- Furniture, Cabinets
- Wood Floors

Manufacturing Installation Service

MIN / MAX function:

1. Press MIN/MAX button until MIN appears on the right side of the display. The lowest measured relative humidity and temperature values appear since the memory has been reset.
2. Press MIN/MAX button again until MAX appears to the right side of the display. The highest measured relative humidity and temperature values appear since the memory has been reset.
3. If MIN/MAX button is held down continuously, min and max values toggle. Press MIN/MAX button again and the meter is back to measuring mode.
4. To clear current min/max memory, press and hold RESET button until the default 888 display appears. Release the button. The meter returns to measuring mode and a new min / max memory cycle has started.
5. The min/max values are only recorded when the meter is turned on. To continuously record min/max values the meter needs to be in the **non-sleep** mode.

Specifications:

Relative Humidity: Range 5% to 95% | $\pm 5\%$

Temperature: Range 14°F to 122°F | $\pm 2^\circ\text{F}$
-10°C to 45°C | $\pm 1^\circ\text{C}$

Resolution: 0.1%, 0.1°F, 0.1°C

Sensing element: Electronic capacitance, Polymer Film

Battery: 1 CR2032 (included)

Battery Life: 150 hours

Dimensions: 6.9" x 1.7" x 0.6", tip diameter 0.5" x 1"

Weight: 1.6 oz. (45g)

Specifications subject to change without notice.



Wherever wood is, the relative humidity has an impact. Compare moisture values and EMC chart to predict wood movement.



mini-Ligno DX/C pin moisture meter for wood.



Ligno-Scanner SD pinless moisture meter for wood.