

# 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
- Auto-off after 20 minutes.
- Hold function
- Build-in Humidity calibration mode
- Pocket-size with belt clip, pen-shaped to measure small areas.

## Measuring:

1. Rotate the sensor cap for ready to measure.
2. 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. Both values for temperature and relative humidity are displayed. The value for relative humidity is indicated by “%” and temperature is indicated by “F”.
3. 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.

## Hold function:

To start the hold function press HOLD button until HLD appears in the upper left 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 HOLD button again until HLD disappears.

## MIN / MAX function:

1. Press MIN/MAX button until MIN appears on the left 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, MAX appears on the left side of the display. Press MIN/MAX button once again and the meter is back to measuring mode.



## Applications:

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

## Manufacturing Installation Service

3. 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.

4. The MIN/MAX values are only recorded when the meter is turned on.

#### RH Calibration:

1. Turn off the meter, plug the meter probe into 32.8% salt bottle and press "ON/OFF+F/C" key more than one second to turn on the meter and enter Calibration mode.
2. You will see 3x.x% display on the LCD, after 60 minutes the flashing stops to indicate the finish of "3x.x%" calibration (with saving).
3. Move the meter probe to 75.3% and press "MN/MX" key more than one second to enter 7x.x% calibration.
4. Now "7x.x%" is flashing on the LCD.
5. Flashing will stop after 60 minutes, it means the whole calibration is completed.

#### Specifications:

Relative Humidity: Range 0% to 100%  
±3RH (10% to 95%)

Temperature: Range 4°F to 140°F | ±1.8°F  
-20°C to 60°C | ±1°C

Resolution: 0.1%RH, 0.1°F, 0.1°C

Battery: 1 CR2032 (included)

Dimensions: 6.9" x 1.7" x 0.6"

Weight: 1.9 oz. (55g)

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.