METRIA

User Manual for the Portable Digital Thermo-Hygrometer

Model No. **HY-8**

1 Specifications:
- Temperature Range: -10 °C to +50 °C (+14 °F to +122 °F)
- Humidity Range: 20% RH to 99% RH
- Power Supply: 1.5V (AAA) x 1

2 Functions:
- Temperature and humidity display
- Temperature unit changeable between °C and °F
- Memorization of MAX/MIN values for temperature and humidity
- Data hold function

3 Button Functions:

[ON/OFF] Press the ON/OFF button to turn on the thermometer. Press and hold this button for 3 seconds to turn off the thermometer.

[MAX/MIN] Press to display the memorized MAX and MIN values of temperature and humidity.

[° C/° F] Press to change the temperature unit between Celsius (°C) and Fahrenheit (°F).

[HOLD] Press the HOLD button to hold the temperature value during measurement.

4 Operations:

4-1 Loosen the screws, open the battery compartment cover, remove the polarity insulator, replace the cover, and the meter will start working.

4-2 Press the [MAX/MIN] button to display the MAX/MIN values of temperature and humidity.

4-3 Press the [°C/°F] button to change the temperature unit between Celsius (°C) and Fahrenheit (°F).

4-4 Press the [HOLD] button to hold the temperature and humidity values during measurement. Press again to start a new measurement.

4-5 If the temperature is below -10 °C, "LO" will be displayed; if it is above 50 °C, "HI" will be displayed.

4-6 If the humidity is below 20% RH, "LO" will be displayed; if it is above 99% RH, "HI" will be displayed.

4-7 If the temperature is below 0 °C, the humidity will display "LO"; if the

temperature displays “HI”, the humidity will also display “HI”.

4-8 Auto power-off occurs after about 60 minutes of inactivity.

5 Precautions:

5-1 When installing the battery, ensure the positive and negative poles are properly aligned; do not install them in reverse.

5-2 Do not expose the product to water or fire.

5-3 Remove the battery to prevent damage caused by leakage if the product will not be used for an extended period.

5-4 If the thermometer is not working properly, remove the battery and reinstall it after 2 seconds.

5-5 Dispose of the battery in accordance with local government regulations after it is used up.

5-6 We will not provide separate notifications for any changes made to this meter.