SPECIFICATIONS

Temperature—
Range: 32.0 to 122.0 °F / 0.0 to 50.0 °C
Resolution: 0.1°

Humidity—
Range: 10.0 to 95.0% RH
Resolution: 0.1%

Barometric Pressure—
Range: 10.0 to 1100 hPa
(hectopascals) {1 hPa = 1 millibar}
Resolution: 0.1 up to 999.9, 1 over 999.9

Range: 7.5 to 825.0 mmHg
(millimeters of mercury)
Resolution: 0.1

Range: 0.29 to 32.48 inHg
(inches of mercury)
Resolution: 0.01

Dew Point—
Range: -13.5 to 120.1 °F / 25.3 to 48.9 °C
Resolution: 0.1°

Update Rate: 1 second

Battery: 4 each AAA (1.5V)

DISPLAY MODES
The meter may be set to the following display modes:
rH/tP - Humidty and Temperature
(Humidity reading shown in the upper display, temperature shown in the lower display)

rH/dP - Humidity and Dew Point
(Humidity reading shown in the upper display, Dew Point temperature shown in the lower display)

bAro/tP - Barometer and Temperature
(Barometer reading shown in the upper display, temperature shown in the lower display)

bAro/rH - Barometer and Humidity
(Barometer reading shown in the upper display, humidity shown in the lower display)

To change the display mode, press and hold the REC button. After approximately three (3) seconds, the display will cycle through the available display modes (rH/tP->rH/dP->bAro/IP->bAro/rH-> rH/tP ...). Once the desired display mode appears, release the REC button.

OPERATION
1. Press the POWER button to turn the meter on.

2. Select the desired display mode (see the "Display Modes" section).

3. Take the desired measurements.

4. Press the POWER button to turn the meter off. To preserve battery life, always turn the meter off when not in use.

If no button is pressed for ten (10) minutes, the meter will turn off automatically to preserve battery life (see the "Automatic Shutoff" section).

SELECTING °F OR °C (Temperature/Dew Point)
The following procedure is used to change the temperature/dew point display from °F to °C, or from °C to °F.

1. With the meter turned off, press and hold the HOLD button, then press and release the POWER button.

2. Continue to hold the HOLD button until " 0 " appears on the display.

3. Release the HOLD button. The meter will return to the selected display mode and the temperature/dew-point reading will now appear in the opposite display mode. If the meter had been displaying °F, it will now display °C, and vice-versa.

The unit of measure selected will be the default unit of measure for both temperature and dew point until changed.

SELECTING BAROMETER UNIT OF MEASURE
1. Press the POWER button to turn the meter on.

2. Select the Barometer/Temperature or Barometer/Humidity display mode (see the "Display Modes" section).

3. Press and hold the HOLD button. After approximately three (3) seconds, the **display will flash.** Use the UP arrow key to cycle through the available display modes (hPa→mmHg→inHg→hPa...). Once the desired display mode appears, release the HOLD button.

HOLD FUNCTION
The hold function allows the readings on the display to be "frozen" so that they may be recorded.

1. Press and release the HOLD button to "freeze" the display at the current reading. "HOLD" will appear at the top of the display.

2. Once the reading has been recorded, press and release the HOLD button to return the display to the current reading. "HOLD" will no longer appear on the display.

RECORD MODE (Min/Max Memories)
While in the Record Mode, the maximum and minimum readings for Humidity (rH/tP or rH/dP mode) or Barometric Pressure (bAro/tP or bAro/rH mode) will be recorded, depending on the display mode. Record Mode records the minimum/maximum values achieved for the upper display only. While in the Record Mode, the Automatic Shutoff feature is disabled so that long term monitoring may be performed.

1. Select the desired display mode (see the "Display Modes" section).

2. To enter the Record Mode, press and release the REC button. "REC" will appear on display.

3. To recall the maximum and minimum readings achieved since entering the Record Mode ("REC" appearing on the display), press and release the REC button.

4. The first press of the REC button will display the maximum reading achieved since entering the Record Mode. ("REC MAX" will appear on the display).

5. The second press of the REC button displays the minimum reading achieved since entering the Record Mode. ("REC MIN" will appear on the display).

6. To return the display to the current reading, press and release the HOLD button. "MAX" or "MIN" will no longer appear on the display.

7. To exit from the Record Mode, press and hold the REC button for 3 seconds. "REC" will no longer appear on the display. *The maximum and minimum readings are automatically cleared once the Record Mode has been exited.*

AUTOMATIC SHUTOFF (Disable)
If no button has been pressed for ten (10) minutes, the Automatic Shutoff feature will turn the meter off to preserve battery life.

The automatic shutoff feature setting is overridden while in the Record Mode. (See the "Record Mode" section)
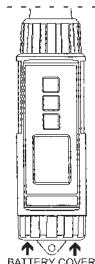
To disable the Automatic Shutoff feature, place the unit into the Record Mode (see the "Record Mode" section).

ALL OPERATION DIFFICULTIES
If this meter does not function properly for any reason, replace the batteries with a new, high quality batteries (see the "Battery Replacement" section). Low battery power can occasionally cause an number of "apparent" operational difficulties. Replacing the batteries with new fresh batteries will solve most difficulties.

BATTERY REPLACEMENT

An erratic display, faint display, no display, or a battery symbol appearing on the display are all indicators that the batteries need replacement. The battery cover is located at the bottom of the unit. While holding the unit upside down, unscrew the battery cover by turning it counter-clockwise. Remove the exhausted batteries and replace them with four (4) new AAA alkaline batteries. Make certain to insert the new batteries with the proper polarity as indicated by the "+" and "–" symbols in the battery compartment. Replace the battery cover and tighten securely.

BATTERY COVER

TRACEABLE® HYGROMETER/ THERMOMETER/ BAROMETER/ DEW POINT PEN INSTRUCTIONS