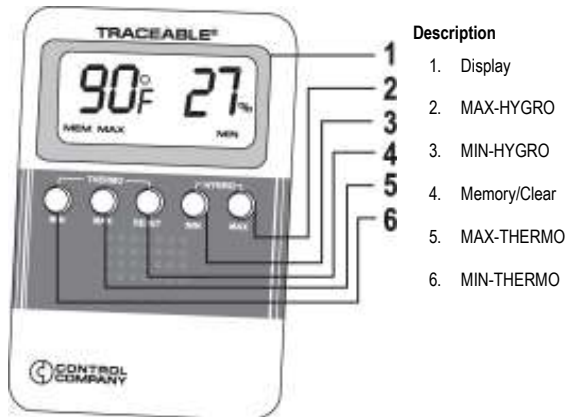


# TRACEABLE® DIGITAL HUMIDITY/TEMPERATURE METER INSTRUCTIONS

## SPECIFICATIONS

<b>Display:</b>	¾"-High LCD
<b>Accuracy:</b>	± 1°C (0 to 40°C) otherwise ± 2°C ± 2%RH mid-range otherwise ± 4%RH
<b>Resolution:</b>	1°F or °C 1%RH
<b>Temperature Range:</b>	32 to 122°F (0 to 50°C)
<b>Humidity Range:</b>	25 to 95%RH
<b>Memory:</b>	Stores and recalls minimum/ maximum temperature and humidity readings. Display up-dated every second
<b>Functions:</b>	Temperature and relative humidity
<b>Attachments:</b>	Wall mount, bench stand
<b>Clock:</b>	none
<b>Size:</b>	3¾" x 2½" x ½"
<b>Weight:</b>	3 oz.

**Figure 1:**



## BEFORE USING

- To turn unit ON, remove the red protective tabs from the batteries.
- To open battery compartment, slide BATTERY COMPARTMENT DOOR on the back of unit in direction of arrow.
- Remove red tabs. Re-insert batteries in appropriate positions to agree with the polarity symbols (+ and -) in the battery compartment.
- Replace BATTERY COMPARTMENT DOOR.

## Change Temperature Reading to Fahrenheit (F°) or Celsius (C°)

- Open BATTERY COMPARTMENT DOOR. (See above - Before Using.)
- Locate switch in upper right corner of battery compartment.
- Slide switch to left for Celsius (C°). Slide switch to right for Fahrenheit (F°).
- Replace BATTERY COMPARTMENT DOOR.

## Thermometer Operation

- Press the THERMO-MIN button once to recall the minimum temperature stored in the memory. "MIN" will appear on the display.
- Press the THERMO-MIN button once again to display the current temperature. "MIN" will no longer appear on the display.
- Press the THERMO-MAX button once to recall the maximum temperature stored in the memory. "MAX" will appear on the display.
- Press the THERMO-MAX button once again to display the current temperature. "MAX" will no longer appear on the display.

## Reset the Thermometer Memory

- Press the THERMO-MIN button once to recall the minimum temperature stored in the memory. "MIN" will appear on the display.
- Press the MEMORY/CLEAR button once to reset the minimum temperature to the current temperature.
- Press the THERMO-MIN button once again to display the current temperature. "MIN" will no longer appear on the display.
- Press the THERMO-MAX button once to recall the maximum temperature stored in the memory. "MAX" will appear on the display.
- Press the MEMORY/CLEAR button once to reset the maximum temperature to the current temperature.
- Press the THERMO-MAX button once again to display the current temperature. "MAX" will no longer appear on the display.

## Hygrometer Operation

- Press the HYGRO-MIN button once to recall the minimum relative humidity stored in the memory. "MIN" will appear on the display.
- Press the HYGRO-MIN button once again to return to the current relative humidity. "MIN" will no longer appear on the display.

- Press the HYGRO-MAX button once to recall the maximum relative humidity stored in the memory. "MAX" will appear on the display.
- Press the HYGRO-MAX button once again to return to the current relative humidity. "MAX" will no longer appear on the display.

## Reset the Hygrometer Memory

- Press the HYGRO-MIN button once to recall the minimum relative humidity stored in the memory. "MIN" will appear on the display.
- Press the MEMORY/CLEAR button once to reset the minimum relative humidity to the current relative humidity.
- Press the HYGRO-MIN button once again to display the current relative humidity. "MIN" will no longer appear on the display.
- Press the HYGRO-MAX button once to recall the maximum relative humidity stored in the memory. "MAX" will appear on the display.
- Press the MEMORY/CLEAR button once to reset the maximum relative humidity to the current relative humidity.
- Press the HYGRO-MAX button once again to display the current relative humidity. "MAX" will no longer appear on the display.

## DISPLAY MESSAGES

HHH – Three Hs flashing indicate the relative humidity being measured is above the range of the unit.

LLL – Three Ls flashing indicate the relative humidity being measured is below the range of the unit.

-- – Two dashes indicate the temperature, although still displayed, is above the range of the unit.

## MOUNTING THE UNIT

- To allow for different mounting positions, the white unit holder fits securely over the top or bottom of the unit.
- Select the position and location where the unit will be mounted.
- Make sure the surface of the location is clean and smooth.
- Attach the unit to the selected location by removing the paper covering from the adhesive tape on the back of the unit holder and pressing the unit firmly in place.
- The unit can be more permanently mounted by utilizing the two small screw holes on the unit holder. (Screws are not included.)

## BENCH STAND

- The bench stand is part of the BATTERY COMPARTMENT DOOR.
- Locate the small rectangular opening at the bottom of the BATTERY COMPARTMENT DOOR.
- Insert paper clip into opening and gently turn ¼" in either direction. Stand will flip open.
- To close, snap the stand closed.

## ALL OPERATIONAL DIFFICULTIES

If this unit does not function properly for any reason, please replace the batteries with two new AAA alkaline batteries. (See "Battery Replacement" below.) Low battery power can occasionally cause any number of "apparent" operational difficulties. Replacing the batteries with fresh ones will solve most difficulties. Equivalent battery replacements are any AAA alkaline batteries. Replacement battery Cat. No. 1105.

## BATTERY REPLACEMENT

- To open battery compartment, slide BATTERY COMPARTMENT DOOR on the back of unit in direction of arrow.
- Remove depleted batteries. Insert two fresh AAA alkaline batteries in appropriate positions to agree with the polarity symbols (+ and -) in the battery compartment.
- Replace BATTERY COMPARTMENT DOOR.

## WARRANTY, SERVICE, OR RECALIBRATION

For warranty, service, or recalibration, contact:

### CONTROL COMPANY

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Control Company is ISO 9001 Quality-Certified by DNV and ISO 17025 accredited as a Calibration Laboratory by A2LA.