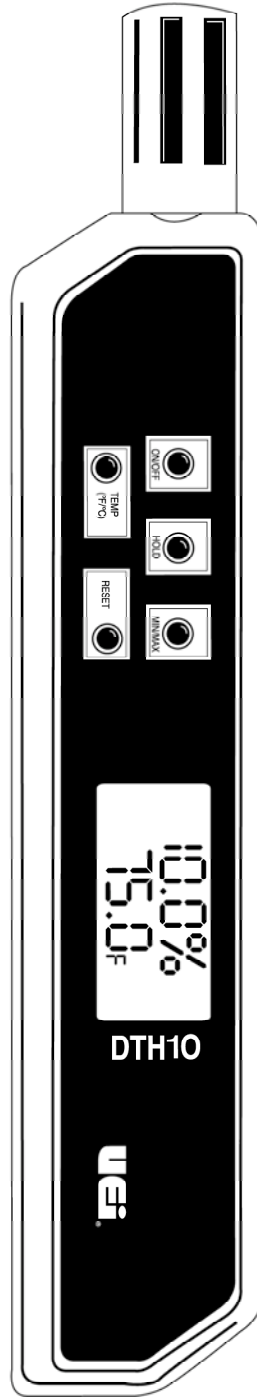




INSTRUCTION MANUAL

DTH10

Digital Thermo-Hygrometer



1-800-547-5740 • Fax: (503) 643-6322
www.ueitest.com • email: info@ueitest.com

Introduction

The DTH10 has an excellent combination of features, conveniently packaged and easy to use.

Features include

- Temperature in °F or °C (14-122°F / -10 to 50°C)
- 5 to 95% Relative Humidity (RH)
- Fast, accurate electronic sensor
- Displays relative humidity and temperature at the same time
- MIN/MAX record
- Data hold
- Auto power-off

Safety Notes

Before using this instrument, read all safety information carefully. In this manual the word "**WARNING**" is used to indicate conditions or actions that may pose physical hazards to the user. The word "**CAUTION**" is used to indicate conditions or actions that may damage this instrument.



WARNING!

DO NOT immerse probes into liquids as this will cause permanent damage to the sensor

Operating Instructions

Normal Measurement

1. Turn the meter on by pressing the "ON/OFF" button.
2. Press the "C/F" key to convert reading to desired range. Both temperature and relative humidity measurement will display simultaneously.

MIN/MAX Function

1. Press and hold the "**MIN/MAX**" button until "**MIN**" appears on the display. The display is now showing minimum humidity and temperature reading in the memory.
2. Press and hold the "**MIN/MAX**" button again until "**MAX**" appears on the display. The display is now showing maximum humidity and temperature readings in the memory.
3. To return to the current reading, press and hold the "**MIN/MAX**" button until "**MIN**" or "**MAX**" disappears from the display.
4. To clear current "**MIN**" and "**MAX**" readings from memory, press and hold the button until the entire display flashes on one time.

MIN/MAX Function

Press and hold the data hold button until "**HLD**" appears in the display. The current reading is now being held and will not change until the hold function is canceled. Press the reset button to cancel the hold function. The hold function will hold both for temperature and humidity readings.

Auto Power Off

The unit will turn itself off after 20 minutes (sleep mode). To override the auto power off function (non-sleep mode), press the "**ON/OFF**" button and "**MIN/MAX**" button simultaneously. After the display appears, release the "**ON/OFF**" button. The left side of the display will show "n". When "n" appears, release the "**MIN/MAX**" button. The unit will now be in non-sleep mode.

Battery Replacement

Always use a fresh replacement battery of the specified size and type. Immediately remove the old or weak battery from the meter and dispose of it in accordance with your local disposal regulations. Batteries can leak chemicals that corrode electronic circuits. If your meter is not going to be used for a month or more, remove and store the battery in a place that will not allow leakage to damage other materials.

To install a new battery, follow these procedures:

1. Remove battery cover, by using a coin.
2. Replace batter with "+" side up. Replace cover.

Specifications

Size	6.5" x 1.5" x 5" (17.5 cm x 4.2 cm x 1.6 cm)
Battery	(1) lithium CR2032 3V Life = 150 hours
Sensor	Electronic capacitance polymer film sensor
Accuracy	±5% from 5 to 95% RH at 25°C and ±1°C from -10 to +45°C
Resolution	0.1°F / 0.1°C



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Limited Warranty

The DTH10 is warranted to be free from defects in materials and workmanship for a period of one year from the date of purchase. If within the warranty period your instrument should become inoperative from such defects, the unit will be repaired or replaced at UEi's option. This warranty covers normal use and does not cover damage which occurs in shipment or failure which results from alteration, tampering, accident, misuse, abuse, neglect or improper maintenance. Batteries and consequential damage resulting from failed batteries are not covered by warranty.

Any implied warranties, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the express warranty. UEi shall not be liable for loss of use of the instrument or other incidental or consequential damages, expenses, or economic loss, or for any claim or claims for such damage, expenses or economic loss. A purchase receipt or other proof of original purchase date will be required before warranty repairs will be rendered. Instruments out of warranty will be repaired (when repairable) for a service charge. Return the unit postage paid and insured to:

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This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

