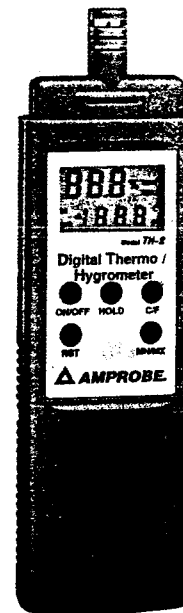


Pt. No. 975751  
4/95

## DIGITAL THERMO / HYGROMETER



**MODEL TH-2**

OPERATING INSTRUCTIONS

**AMPROBE**

### LIMITED WARRANTY

Congratulations! You are now the owner of an AMPROBE® Instrument. It has been quality crafted according to quality standards and contains quality components and workmanship. This instrument has been inspected for proper operation of all of its functions. It has been tested by qualified factory technicians according to the long-established standards of AMPROBE INSTRUMENT.

Your AMPROBE instrument has a limited warranty against defective materials and/or workmanship for one year from the date of purchase provided that, in the opinion of the factory, the instrument has not been tampered with or taken apart.

Should your instrument fail due to defective materials, and/or workmanship during the one-year warranty period, return it along with a copy of your dated bill of sale which must identify instrument by model number and serial number.

For your protection, please use the instrument as soon as possible. If damaged, or should the need arise to return your instrument, it must be securely wrapped (to prevent damage in transit) and sent prepaid via Air Parcel Post insured or UPS where available to:

Service Division  
AMPROBE INSTRUMENT  
630 Merrick Road (For U.P.S.)  
P.O. Box 329 (For P.P.)  
Lynbrook, NY 11563-0329

Outside the U.S.A. the local Amprobe representative will assist you. The above limited warranty covers repair and replacement of instrument only and no other obligation is stated or implied.

### Specifications

- Temperature Range: -10 to 50°C, +14 to 122°F
- Accuracy:  $\pm 1^{\circ}\text{C}$ ,  $\pm 1^{\circ}\text{F}$
- Resolution: 0.1% $\text{C}$ , 0.1% $\text{F}$
- Humidity (RH) Accuracy: 5 to 95% RH,  $\pm 3\%$  @ 25°C from 10% to 90% RH,  $\pm 5\%$  all other ranges.
- Dew point measurement
- Response time: 80 seconds typical.
- Battery: AAA Alkaline, 2 pcs. included.
- Data hold
- F/C switch
- Low battery indicator
- Auto power off
- Size: .13"(H) x 1.9"(W) x 6.7"(L) 16.5 mm (H) x 48.5 mm (W) x 170 mm L
- Sensor cover with pocket clip

**AMPROBE INSTRUMENT  
MODEL TH-2 INSTRUCTIONS**

- (1) Remove protective sensor cover.
- (2) Turn meter on by pressing ON/OFF button.
- (3) Press 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 MN/MAX button until (MIN) appears on display. Display is now showing minimum humidity and temperature reading in memory.
- (2) Press and hold MN/MX button again until (MAX) appears in display. Display is now showing maximum humidity and temperature readings in memory.
- (3) To return to current temperature and humidity readings press and hold MN/MX button until Min or Max disappears from display.
- (4) To clear current MIN and MAX readings from memory press and hold. Reset button until entire display flashes.

**DATA HOLD FUNCTION**

Press hold button until (HOLD) appears in display. The current reading is now being held and will not change until Hold function is cancelled. Press Reset button to Hold function. Hold function can be used for temperature, humidity, dew point, and wet bulb.

**AUTO POWER OFF FEATURE**

Unit will turn itself off after 20 minutes. (Sleep Mode).

To override Auto Power Off functions (NON-SLEEP MODE) press ON/OFF and MIN/MAX button simultaneously. After the full display appears release ON/OFF button, the display will show "n" in the display. When "n" appears then release MIN/MAX button. Unit will now be in Non-Sleep Mode.

**LO-BATTERY INDICATOR**

Lo-Battery Indication is signaled by the entire display flashing. This is the signal to replace batteries at once. Failure to replace batteries will have an effect on the accuracy of the readings received from the hygrometer.

**NOTE:** Remember low batteries will tend to give inaccurate readings. So make sure you have good batteries.

**CAUTION:** Please do not immerse probe into liquids as this will cause permanent damage to the sensor.

### TROUBLESHOOTING

If there appears to be a malfunction during the operating of the instrument, the following steps should be performed in order to isolate the cause of the problem.

- (1) Check the battery.
- (2) Review operating instructions for possible mistakes in operating procedure.
- (3) If the instrument still malfunctions, place it with packing slip along with a brief description of the problem in sufficient cushioning material in a shipping carton. Be sure to indicate the serial number located on the back of the instrument. Amprobe is not responsible for damage in transit. Make certain your name and address also appears on the box as well as packing slip; ship prepaid via U.P.S. (where available) or Air Parcel Post insured to:

Service Division  
 AMPROBE INSTRUMENT  
 630 Merrick Road (For U.P.S.)  
 P.O. Box 329 (For P.P.)  
 Lynbrook, NY 11563-0329

Outside the USA, the local Amprobe representative will assist you.

### NOTES

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