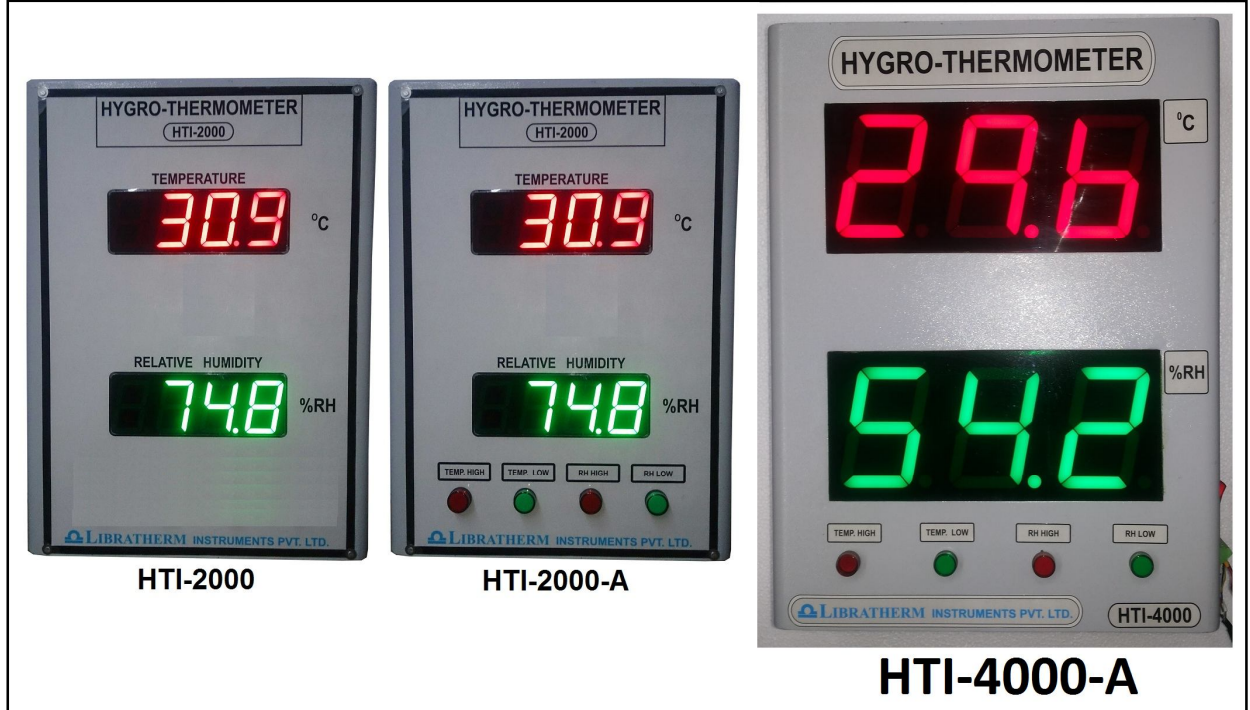


## INDUSTRIAL GRADE - DIGITAL HYGRO-THERMOMETER (Model: HTI-2000 and HTI-4000)



### Model Wise Description:

Model	Product Description	Size H x W x D (mm.)
HTI-2000	Digital Hygro Thermometer with 2" red and green display with built in T + RH sensor model HTS-220	400 x 300 x 100
HTI-2000-A	Digital Hygro Thermometer with 2" red and green display and High/Low Alarm indicators with built in T + RH sensor model HTS-220	400 x 300 x 100
HTI-4000	Digital Hygro Thermometer with 4" red and green display with built in T + RH sensor model HTS-220	500 x 375 x 100
HTI-4000-A	Digital Hygro Thermometer with 4" red and green display and High/Low Alarm indicators with built in T + RH sensor model HTS-220	500 x 375 x 100

### Description:

Libratherm offers digital large display industrial grade Hygro-thermometer to monitor in the surrounding environment the Temperature and Humidity values on red/green display. Large display size allows long distance visibility and hence ideal for Industrial use and can be easily mounted at height on the wall. The integrated standard T +Rh sensor module is available with 2-meter cable and for long distance sensing very much away from the display unit, suitable Libratherm make T +Rh transmitter can be used. To generate audio/visual alarms on deviation of T and Rh values from the desired settable values the inbuilt indicating lamps with beeper are provided in model **HTI-2000-A** and **HTI-4000-A**.

This hygro-thermo meters find their application in Green House, Storage rooms, Server rooms, Sterilizers, Pharmaceutical and Food product storage or manufacturing plants, ware houses, textile plants and all such similar areas where the measurement of T + Rh is important and critical and required to be strictly monitored and maintained.

### Features:

- ❖ Solid state design with red and green 2" display.
- ❖ Elegant appearance, easy to install.
- ❖ Accurate and stable in operation.
- ❖ High and Low limits are user settable.
- ❖ High and Low alarm indicating lamps in the front.

### Technical Specifications:

Model	As listed in the above table
<b>Sensor</b>	Built in - Capacitive / Pt-100 – Class A based T + Rh sensor module with 2 meter cable (Libratherm make model: HTS-220) or Libratherm make (T + RH) sensor cum transmitter (model HTX-220)
<b>Temperature Range</b>	0.0 to 60.0°C
<b>Temperature Accuracy</b>	+/- 0.3 °C
<b>%RH Range</b>	0.0 to 99.9 %RH
<b>RH Accuracy</b>	+/-3 %RH @ 25.0 °C.
<b>Display for T and %RH</b>	3 digit each – 2" or 4" height bright red / green seven segment LED display.
<b>Power Supply</b>	230VAC +/- 10%, @ 25VA max. 50/60Hz.
<b>High /Low Limit Settings (Optional)</b>	High and Low value Alarm settings for T and RH using individual potentiometers with push to read switch. (Applicable for models: HTI-2000-A and HTI-4000-A)
<b>Alarm Indications (Optional)</b>	Red Lamp for High Alarm and Green Lamp for Low Alarm – each for T and RH values.
<b>Enclosure</b>	Sturdy MS powder coated with suitable wall mounting clamps.

While placing the order, user may specify the required model.

**Ordering Code:** 1) HTI-2000 OR 2) HTI-2000-A OR 3) HTI-4000 OR 4) HTI-4000-A