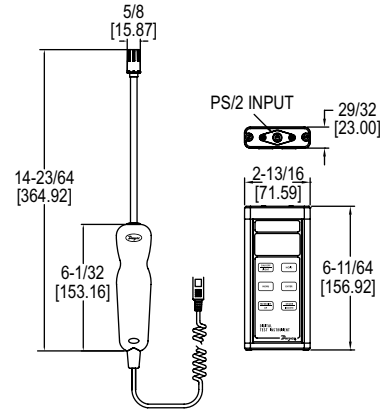


## MODEL 485B

## THERMO-HYGROMETER

Measures % RH, Temperature, Dew Point and Wet Bulb

CALIBRATION SERVICES AVAILABLE



The **Model 485B Thermo-Hygrometer** is a versatile, compact, handheld instrument for measuring percentage of relative humidity and temperature in °F or °C. Dew point and wet bulb temperatures are derived from the relative humidity and temperature measurements and are displayed on the LCD.

## BENEFITS/FEATURES

- Compatible with Dwyer AP1 thermo-anemometer and VP1 100 mm vane thermo-anemometer probes (sold separately)
- Hold feature to freeze current readings on the display
- Stores up to 99 readings for future evaluation

## APPLICATIONS

- Building commissioning
- Pulp and paper

## MODEL CHART

Model	Description
485B-1	Digital thermo-hygrometer includes 9 V battery, sensing probe, wrist strap, hard carrying case and instructions

## OPTIONS

Use order code:	Description
-NIST	NIST traceable calibration certificate

## SPECIFICATIONS

**Service:** Humidity, temperature, wet bulb and dew point temperature detection in clean air.  
**Temperature Limits:** Process: -40 to 176°F (-40 to 80°C); Ambient: 5 to 125°F (-15 to 51°C).  
**Relative Humidity Range:** 0 to 100% (non-condensing).  
**Relative Humidity Accuracy:** ±2% FS over 10 to 90% @ 77°F (25°C).  
**Temperature Range:** -20 to 140°F (-28 to 60°C).  
**Temperature Accuracy:** ±0.9°F @ 77°F (±0.5°C @ 25°C).  
**Display:** 4.5 digit LCD.  
**Resolution:** 0.1%, 0.1°F/°C.  
**Probe Length:** 8" (203 mm) insertion.  
**Power Requirements:** 9 V alkaline battery, included, user replaceable.  
**Weight:** 16 oz (454 g).  
**Compliance:** CE.

## ACCESSORIES

Model	Description
A-47X-BOOT	Protective magnetic rubber boot
RP1	Thermo-hygrometer % RH and temperature probe with coiled cable