

Dwyer

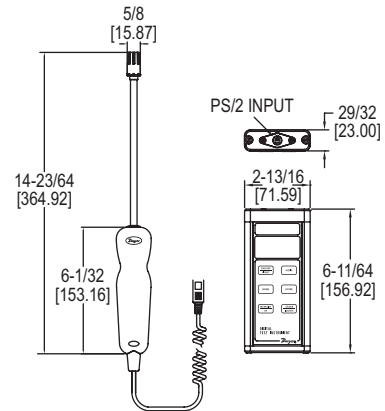
MODEL 485B

THERMO-HYGROMETER

Measures % RH, Temperature, Dew Point and Wet Bulb



TEST & DATA



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.

FEATURES/BENEFITS

- 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 & paper

| MODEL CHART | |
|-------------|--|
| Model | Description |
| 485B-1 | Digital thermo-hygrometer includes 9V battery, sensing probe, wrist strap, soft 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).
Range Relative Humidity: 0 to 100% (non-condensing).
Accuracy Relative Humidity: ±2% FS over 10 to 90% @ 77°F (25°C).
Range Temperature: -20 to 140°F (-28 to 60°C).
Accuracy Temperature: ±0.54°F @ 72°F (±0.3°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).
Agency Approvals: CE.

ACCESSORIES

| Model | Description |
|------------|--|
| RP1 | Thermo-hygrometer % RH and temperature probe with coiled cable |
| UHH-C1 | Soft carrying case |
| A-47X-BOOT | Protective magnetic rubber boot |

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