THERMO-HYGROMETER
Measures % RH, Temperature, Dew Point and Wet Bulb

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
• Replaceable probes
• Hold feature to freeze current readings on the display
• Stores up to 99 readings for future evaluation

APPLICATIONS
• Building commissioning
• Pulp & paper

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°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

INDOOR AIR QUALITY METER
Measures CO₂, Temperature and Humidity

The MODEL AQH-20 Handheld Indoor Air Quality Meter reduces the number of instruments a contractor has to carry by measuring carbon dioxide concentration, air temperature, and humidity percentage in one device. A large backlit LCD shows all three parameters simultaneously. This product offers user selectable engineering units, maximum/minimum/average readings, a hold function, and an audible alarm.

FEATURES/BENEFITS
• All-in-one unit for carbon dioxide, temperature, and humidity
• Large backlit LCD for visibility in dark areas
• User configurable alarms for audible indication of hazardous conditions

APPLICATIONS
• Building commissioning
• Green house monitoring

MODEL CHART

SPECIFICATIONS
Ranges: CO₂: 0 to 2000 ppm; Temperature: 14 to 140°F (-10 to 60°C); Relative Humidity: 0.0 to 99.9% RH.
Accuracy: CO₂: ±30 ppm ±5% of reading; Temperature: ±0.9°F (±0.6°C); Humidity: ±3% RH (10 to 90%), ±5% (0.0 to 9.9% or 90 to 99.9%).
Resolution: CO₂: 1 ppm; Temperature: 0.1°F (0.1°C); Humidity: 0.1% RH.
Response Time: CO₂: < 30 seconds; Temperature: < 2 minutes; Humidity: <10 minutes.
Display: 4 digits for temperature/CO₂ and 3 digits for humidity.
CO₂ Sensor: Non-dispersive infrared.
Temperature Limits: 32 to 122°F (0 to 50°C).
Humidity Limits (Non-Condensing): 0 to 95% RH.
Power Requirements: (4) 1.5 V AA alkaline batteries, included, user replaceable.
Warm Up Time: 30 seconds.
Weight: 6.76 oz (200 g).
Agency Approvals: CE.

ACCESSORY

Model CHART

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