

Climate Meter PCE-THB 38



Multi-function PCE-THB 38 Climate meter

(thermometer, humidity meter and Climate meter all in one device)

The PCE-THB 38 Climate Meter is ideal for detecting and digitally displaying humidity, temperature and barometric pressure. Temperature is measured by an RTD sensor and air humidity is measured by a highly repeatable, capacitive sensor. The Climate Meter also calculates dew point and atmospheric pressure in a range of 10 to 1100 hPa. With all of these features, it is a complete climatological device. It is shipped from the manufacturer already calibrated. Otherwise, a laboratory calibration and certificate can be ordered which meets ISO calibration standards.

- ▶ Measures temperature, humidity and barometric pressure
 - ▶ Calculates dew point
- ▶ Selectable pressure units: hPa, (mbar), mmHg and inHg
 - ▶ Battery level indicator
- ▶ Minimum, maximum and hold functions
 - ▶ Protected internal sensor
 - ▶ Good price
 - ▶ Light weight
 - ▶ Easy to use
 - ▶ Durable enclosure
- ▶ Highly accurate measurements

Specifications

Measurement ranges

-Temperature	0 ... 50°C / 32 ... 122°F
-Relative air humidity	10 ... 95% r.h.
-Barrometric pressure	10 ... 1100 hPa (mbar)
-Dew point temperature	-25 ... 49°C / -20.2 ... 120.2°F

Resolution

-Temperature	0.1°C / 0.18°F
-Relative air humidity	0.1% r.h.
-Barrometric pressure	0.1 hPa ... 1000 hPa (but 1 hPa)
-Dew point temperature	0.01°C / 0.018°F

Accuracy

-Temperature	± 0.8°C / ± 1.4°F
-Relative air humidity	± 3% of reading or ± 1% (<70% r.h., but ± 3% r.h.)
-Barrometric pressure	± 1.5 hPa to 1000 hPa, but ± 2 hPa

Operating temperature 0 ... 50°C / 32 ... 122°F

Power 4 AAA batteries

Dimensions 120 x 40 mm / 4.7 x 1.5 in

Weight (with batteries) 160 g / <1 lb

More information

More product info



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Subject to change