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Multifunction PCE-THB 38 Hygrometer . (thermometer, humidity meter and Hygrometer all in one device)

The PCE-THB 38 Hygrometer is ideal for detecting and digitally displaying humidity, temperature and barrometric pressure. Temperature is measured by an RTD sensor and air humidity is measured by a highly repeatable capacitive sensor. The Hygrometer also calculates dew point. The Hygrometer also shows atmospheric pressure in a range of 10 to 1100hPa. 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 barrometric 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

Measurement ranges

-Temperature 0 to 50°C -Tuber 10 to 95% r.h.

-Relative air humidity
10 to 1100 hPa (mbar)

-Barrometric pressure
-Dew point temperature
-25 to 49°C

Resolution

-Temperature 0.1°C 0.1% r.h.

-Relative air humidity

0.1 hPa to 1000 hPa (but 1 hPa)

-Barrometric pressure 0.01°C

-Dew point temperature

Accuracy

±0.8°C

-Relative air humidity

±3% of reading or ±1%

(<70% r.h., but ±3% r.h.)

±1,5 hPa to 1000 hPa, but ±2 hPa

+1,5 nPa to 1000 nPa, but ±2 nP -Barrometric pressure

Operating temperature 0 to 50°C

Power 4 AAA batteries

Dimensions 120 x 40mm

Weight (with batteries) 160g

Contents:

1 x PCE-THB 38 Hygrometer

4 x batteries