

## PCE-THB 38 digital manometer

thermometer, humidity meter and barometer all in one device

The PCE-THB 38 digital manometer 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 manometer also calculates dew point. The digital manometer 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 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



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Measurement ranges -Temperature -Relative air humidity -Barometric pressure -Dew point temperature	0 to 50°C 10 to 95% r.h. 10 to 1100 hPa (mbar) -25 to 49°C
Resolution -Temperature -Relative air humidity -Barometric pressure -Dew point temperature	0.1°C 0.1% r.h. 0.1 hPa to 1000 hPa (but 1 hPa) 0.01°C
Accuracy -Temperature -Relative air humidity -Barometric pressure	±0.8°C ±3% of reading or ±1% (<70% r.h., but ±3% r.h.) ±1,5 hPa to 1000 hPa, but ±2 hPa
Operating temperature	0 to 50°C
Power	4 AAA batteries
Dimensions	120 x 40mm
Weight (with batteries)	160g

### Contents

PCE-THB 38 manometer, 4 batteries and user's manual

### Optional accessories

- ISO calibration certificate for manometer