PCE Instruments

PCE Americas Inc.	PCE Instruments UK Ltd.
711 Commerce Way	Units 12/13
Suite 8	Southpoint Business Park
Jupiter	Ensign way
FL-33458	Hampshire / Southampton
USA	United Kingdom, SO31 4RF
From outside US: +1	From outside UK: +44
Tel: (561) 320-9162	Tel: (0) 2380 98703 0
Fax: (561) 320-9176	Fax: (0) 2380 98703 9
info@pce-americas.com	info@pce-instruments.com

www.pce-instruments.com/english
www.pce-instruments.com

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

-Relative air humidity

-Barrometric 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

-Barrometric pressure

-Dew point temperature

0.1ºC

0.1% r.h.

0.1 hPa to 1000 hPa (but 1 hPa)

0.01ºC

Accuracy

-Temperature

-Relative air humidity

-Barrometric 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 50ºC

Power

4 AAA batteries

Dimensions

120 x 40mm

Weight (with batteries)

160g

Contents:

1 x PCE-THB 38 Hygrometer

4 x batteries

ADK INSTRUMENTS

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