THERMO-HYGROMETER

PCE-555



- **Offers a compact design, high precision and a fast response time**
- **Displays temperature and humidity measurement results simultaneously**
- **Features backlight, automatic power off, max hold and data hold functionality**

A combination digital hygrometer and digital thermometer used to measure relative humidity or air humidity as well as air temperature, dew point temperature and wet-bulb temperature. This portable, handheld meter allows for quick and easy detection of environmental conditions. Applications include monitoring climates of refrigerated trucks, warehouses, construction sites and HVAC installations, where excess moisture, condensation and uneven temperatures can create mold, spoilage and health hazards.

Specification

Relative humidity	
Measuring range	0 ... 20 %RH
Resolution	0,01 %RH
Accuracy	±2.5% RH
Relative humidity	
Measuring range	20 ... 80 %RH
Resolution	0,01 %RH
Accuracy	±2% RH
Relative humidity	
Measuring range	80 ... 100 %RH
Resolution	0,01 %RH
Accuracy	±2.5% RH
Temperature	
Measuring range	-30 ... +100 °C
Resolution	0,01 °C
Accuracy	±1°C

General technical data	
Display Typ	LCD with illumination
Response time	10 s
Automatic power-off	15 min.
Battery/battery	1 x 9 V 9V Block , Alkali-Manganese
Battery capacity	640 mAh
Operating conditions	0 ... 40 °C , 0 ... 80 %RH
Storage conditions	-10 ... 60 °C , 0 ... 80 %RH
Dimensions (L x W x H)	225 x 45 x 34 mm
Weight	200 g

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