MANOMETER

PCE-HVAC 10



- **Measurement Range: -1 ... +60 bar**
- **Resolution: 0.01 bar**
- **Accuracy: ±0.5% FS (Full Scale).**
- **83 refrigerants stored in the device**
- **2-way valve block with 3 connectors 7/16" – UNF**
- **Includes 2 NTC clamp-on temperature sensors**
- **Temperature measurement from -10 ... +200 °C**

The manometer is a robust measuring instrument designed for daily use in refrigeration systems and heat pumps to determine pressure and temperature. Measurement with the manometer is carried out using supplied refrigerant hoses and 2 NTC clamp-on temperature sensors. All measurement parameters can be simultaneously captured by simply attaching or screwing them on. The metal 2-way valve block with 3 connectors and 3 hose holders allows for quick and easy operation of the differential pressure gauge. The 83 preloaded refrigerants can be quickly selected and are visible on the measurement screen. During measurements, the hanging fixture ensures secure attachment. The manometer is powered by 4 x 1.5V AA batteries.
The manometer is ideal for commissioning, servicing, and maintenance tasks. Thanks to additional device features such as the automatic heat pump mode, which eliminates the need to swap refrigerant hoses for measurements, and the temperature-compensated density testing function, working on refrigeration systems and heat pumps becomes very straightforward.

Specification

NTC temperature	
Measuring range	-10 ... +200 °C
Resolution	0,1 °C
Accuracy	±(1 °C +1 digit)
Pressure	
Measuring range	-1 ... +60 bar
Resolution	0,01 bar
Accuracy	±0.5% FS

General technical data	
Units	MPa, kPa, psi, bar, °F, °C
Connections	3 x 7/16 inch - UNF
Display type	LCD
Measured medium	Refrigerant (see manual)
Automatic power-off	30 min
Menu language	English
Protection class (device)	IP42
(Rechargeable) battery	4 x 1,5 V AA battery , Alkali-manganese
Capacity	3000 mAh
Operating conditions	0 ... 45 °C , 10 ... 90 % RH
Storage conditions	-20 ... 60 °C , 10 ... 90 % RH
Dimensions (L x W x H)	204 x 116 x 65 mm
Other dimensions	Length of refrigerant hoses: 0.8 m Length of temperature sensor: 0.8 m
Weight	768 g

PCE Instruments UK Ltd.
Chester Rd, Old Trafford Suite 1N-B, Trafford House, M32 0RS Manchester
Great Britain

Phone: +44 (0) 161 464902 0
info@pce-instruments.co.uk