



Portable Pressure Meter - H12-9

H12-8 - Liquid Manometers & Meters

A versatile, hand held, battery operated portable pressure meter capable of measuring pressures of water or air from 0 - 140 mBar(0 - 99.99mmHg).

Description - Portable Pressure Meter H12-8

A battery operated portable pressure meter suitable for measuring gauge (single input) or differential (dual inputs) pressures of air or water.

Measurement capacity is up to 140 mBar differentially and the unit is capable of withstanding 400 mBar on either port without damage.

Housed in a robust, waterproof case and designed to be hand held. Supplied with connections to suit 6mm flexible hose.

An adjustable zero value eliminates offset and an averaging filter function provides steady readings in situations where the pressure is fluctuating. Readings can be displayed in alternative pressure units.

A calibration certificate referred to National Physical Laboratory (NPL: 5 point calibration) or United Kingdom Accreditation Service (UKAS: 10 point calibration) standards can be supplied if ordered with the meter.

Ordering Specification

▶ **H12-9** Basic Portable Pressure Meter

Technical Details

Measuring range:	0 - 140mBar (0 - 99.99mmHg)
Units: (selectable)	mBar, mmHg, psi, inH2O, inHg, kPa, cmH2O, kgcm-2
Resolution:	0.1mBar (0.01mmHg)
Accuracy:	+/-0.2% of full scale
Repeatability:	+/-0.1% of full scale
Maximum overpressure:	400 mBar
Temperature range:	0 - 50°C
Humidity range:	10 - 90% RH non- condensing
Protection:	Dust and waterproof to IP67
Fluid compatibility:	Silicon protection for use with water without sensor corrosion
Connections:	1/8" BSP parallel female with adaptor to 6mm/9mm flexible tubing
Battery type:	MN1604
Battery life:	90 hours

Overall dimensions

Length	250mm
Width	100mm
Height	40mm

Packed and crated shipping specifications

Product	Volume	Gross Weight
H12-9	0.005m ³	1kg



Ordering codes

▶ **H12-9**

UK office - email: sales@armfield.co.uk tel: +44 (0) 1425 478781 (for ROW)
USA office - email: info@armfield.inc tel: +1 (609) 208-2800 (USA only)

Issue: 4
URL: <http://www.armfield.co.uk/h1>

Applications



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