



H12-9 Portable Pressure meter

H12 - LIQUID MANOMETERS & METERS - continued

PORTABLE PRESSURE METER (H12-9)

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

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.

TECHNICAL DETAILS

Measuring range: 0 - 140mBar (0 - 99.99mmHg)

Units: mBar, mmHg, psi, inH₂O, inHg, kPa, cmH₂O, kgcm⁻² (selectable)

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

ORDERING SPECIFICATION

H12-9 Basic Portable Pressure Meter

H12-9-CC1 Portable Pressure Meter with NPL 5 point Calibration Certificate

H12-9-CC2 Portable Pressure Meter with UKAS 10 point Calibration Certificate

OVERALL DIMENSIONS

Length: 250mm

Width: 100mm

Depth: 40mm

SHIPPING SPECIFICATION

Volume: 0.005m³

Gross Weight: 1kg