



Specification
PM85
Differential manometer



All specified accuracies are at 23°C ± 5°C, <70% R.H. for 1 year.
Temperature coefficient: 0.1 x (specified accuracy) per °C, (0°C to 18°C, 28°C to 50°C).

PRESSURE

Unit of measurement	Range	Resolution
mmH ₂ O	0 to 1019.7	0.1 mmH ₂ O
mmHg	0 to 75	0.01 mmHg
psi	0 to 1.45	0.001 psi
inH ₂ O	0 to 40.14	0.01 inH ₂ O
inHg	0 to 2.953	0.001 inHg
hPa	0 to 100	0.01 hPa
mbar	0 to 100	0.01 mbar
Pa	0 to 10000	1 Pa



Specification
PM85
Differential manometer

Accuracy: 0 to 0.3 hPa	± 0.03 hPa
0.3 to 1 hPa	± 0.05 hPa
1 to 100 hPa	± (0.1 hPa+1.5% of reading)
0 to 3 mmH ₂ O	± 0.3 mmH ₂ O
3 to 10.2 mmH ₂ O	± 0.5 mmH ₂ O
10.2 to 1019.7 mmH ₂ O	± (1.02 mmH ₂ O + 1.5% of reading)

GENERAL

Display: liquid crystal display

Measurement rate: twice per second

Power: 2 x 1.5V, AAA alkaline batteries (IEC LR03, NEDA 24A)

Continuous operating time: 85 hours typical.

Low battery indication: the  is displayed when the battery voltage drops below the operating level

Auto power off: after approx. 10 minutes

Dimensions: 132.9(L) x 50.9(W) x 24.7(D) mm

Weight: 113g approx. including batteries

Includes: protective cover, 2 x 1.5V AAA batteries, detachable carry strap and instructions

ENVIRONMENTAL

Operating environment: 0°C to 50°C at <70% R.H.

Storage environment: -20°C to 60°C, <80% R.H. with batteries removed.

EMC

Conforms to BS EN61326-1