



Eurolec Instrumentation Ltd

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PR SERIES PORTABLE MANOMETER RANGE

The PR Series incorporates a range of professional, robust, portable manometers to measure differential, gauge, vacuum and absolute pressure. For pressure ranges and specification details see the models listed below:

All models feature

- Attractively styled, very strong, extruded aluminium case.
- Hygienically smooth, splash proof surfaces.
- Backlit display.
- High accuracy.
- Auto switch off and Low battery indicator.
- Auto ranging display.
- Units selection as per table below
- Compact Size: 137 x 69 x 27 mm.
- 9v MN1604 (PP3 battery) Battery life > 350 hours.
- 2 year warranty.
- Ambient operating temperature: 0 to 50°C.



Applications

- Gas flow measurement
- HVAC
- Detection of air flow
- System monitoring
- Computer clean rooms
- Tank level measurement
- Process pressure checks
- General Industry

Specifications:

Model	PR200	PR201	PR202	PR203	PR204 ¹	PR205
Range:	0 – 20 mBAR Differential	0 – 100 mBAR Differential	0 – 500 mBAR Differential	0 – 1000 mBAR Differential	0 – 2000 mBAR Differential	0 – 7 BAR Differential
Resolution (mBar)	0.01	0.01 / 0.1	0.1 / 1	0.1 / 1	0.1 / 1	0.001 / 0.01
Units	mBar, Pa, inH ₂ O	mBar, kPa, inH ₂ O	mBar, kPa, inH ₂ O, PSI	mBar, kPa, inH ₂ O, PSI	mBar, kPa, inH ₂ O, PSI	Bar, kPa, PSI
Accuracy²	← ± 0.25% Full scale ± 1 Digit →					
Maximum Over pressure:	50 mBAR	750 mBAR	2000 mBAR	2000 mBAR	4000 mBAR	10 BAR

¹ Absolute version of this model also available – PR204A.

² Combined linearity and hysteresis.

NB: PR Series manometers are suitable for use with non corrosive, non-ionic liquids and gases.

Optional Accessories:

- System calibration certificates traceable to NPL (UK);**
- Pressure/vacuum pump, hose and T piece for calibration purposes;**
- THCC executive style carrying case;**
- THCCS carrying pouch with belt clip;**

See also the PC Mano range of lightweight portable manometers

Contact the sales department and ask for information on complementary instrumentation from Eurolec.

Eg. Infrared thermometers, temperature calibration sources, manometers.

Other parameters include % RH, air velocity, pH, light, sound & rpm. Data logging/portable options available.

Eurolec Instrumentation Ltd are continuously developing and improving their products and as such the company reserve the right to amend specifications without notice and supply products which differ from those described.