

# PORTABLE MANOMETERS PR SERIES

## Features

- A range of professional, compact and robust portable manometers
- Suitable for differential, gauge, vacuum and absolute pressure measurements
- Ideal for measuring gas flow, HVAC, air flow monitoring, clean rooms, tank level measurements and process industry pressure measurements
- Hygienically smooth, splashproof surface
- Rugged metal case
- Auto ranging for simple measurements
- Low power consumption with a backlit display
- Digital zero adjust
- Auto switch off to conserve battery life
- Typical battery life more than 350 hours



## A range of compact, robust portable manometers for accurate pressure measurements

The Eurolec PR Series of handheld manometers are ideal for a wide range of applications where a lightweight, accurate pressure measurement instrument is needed.

The instruments are suitable for measuring differential, gauge, vacuum and absolute pressure in wide range of industries and applications.

A number of instruments are available with differential pressure measurement ranges from 0 - 20mBar up to 0 - 7000mBar (7 Bar).

The PR204 is available as the standard instrument with differential pressure range of 0 - 2000mBar or as an absolute pressure variant with the product code PR204A.

Simple to use with a backlit display, auto ranging and auto power off to conserve battery life, the PR Series manometers are the ideal for effective measurement of pressure levels.

## Ordering Information

### Instrument ordering

Use the product codes in the table below to select the appropriate instrument.

The PR204A is available as an Absolute Pressure version of the standard PR204 instrument.

### Accessories

A range of accessories are available to support and enhance your PR Series Manometers including:

- Carrying Case Code THCC
- Carrying Pouch with belt clip Code THCCS
- Pressure/vacuum pump, hose and T piece for calibration purposes

## Technical Information

### PR SERIES MANOMETERS

SPECIFICATION	PR200	PR201	PR202	PR203	PR204 <sup>1</sup>	PR205
Instrument Type	Handheld Manometer	Handheld Manometer	Handheld Manometer	Handheld Manometer	Handheld Manometer	Handheld Manometer
Case Type	Rugged Splashproof Metal Case	Rugged Splashproof Metal Case	Rugged Splashproof Metal Case	Rugged Splashproof Metal Case	Rugged Splashproof Metal Case	Rugged Splashproof Metal Case
Range	0 - 20mBAR Differential	0 - 100mBAR Differential	0 - 500mBAR Differential	0 - 1000mBAR Differential	0 - 2000mBAR Differential	0 - 7000mBAR Differential
Resolution	0.01	0.01/0.1	0.1/1	0.1/1	0.1/1	0.001/0.01
Units	mBar, Pa, inH2O	mBar, Pa, inH2O	mBar, kPa, inH2O, PSI	mBar, kPa, inH2O, PSI	mBar, kPa, inH2O, PSI	Bar, kPa, PSI
Accuracy <sup>2</sup>	± 0.25% Full scale ± 1 Digit	± 0.25% Full scale ± 1 Digit	± 0.25% Full scale ± 1 Digit	± 0.25% Full scale ± 1 Digit	± 0.25% Full scale ± 1 Digit	± 0.25% Full scale ± 1 Digit
Maximum Overpressure	50 mBar	750 mBar	2000 mBar	2000 mBar	4000 mBar	10 Bar
Power Supply	9v PP3 (MN1604)	9v PP3 (MN1604)	9v PP3 (MN1604)	9v PP3 (MN1604)	9v PP3 (MN1604)	9v PP3 (MN1604)
Operating Temperature	5°C to +40°C	5°C to +40°C	5°C to +40°C	5°C to +40°C	5°C to +40°C	5°C to +40°C
Dimensions	137mm x 69mm x 27mm	137mm x 69mm x 27mm	137mm x 69mm x 27mm	137mm x 69mm x 27mm	137mm x 69mm x 27mm	137mm x 69mm x 27mm

Notes:

1 Absolute version of this model also available – PR204A.

2 Accuracy refers to the combined linearity and hysteresis.

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