

EUROLEC INSTRUMENTATION LTD.

PC MANO Series PORTABLE MANOMETERS

OPERATING INSTRUCTIONS



Battery Fitting

Open the Battery compartment, by removing the screw from the back of the Instrument and lifting off the cover.
Insert one 9 Volt battery PP3 style (MN 1604 or equivalent), and connect to the PP3 terminals. It will only fit one way.
Refit the battery compartment cover.


NOTE:

- The PC Mano series of manometers are only suitable for use with non-corrosive, non-ionic liquids and gases.
- For the PC Mano P5A absolute manometer, a reference atmospheric reading is required.
- Do not over tighten the pressure port fittings.
- Operating temperature range is 0 to 50°C

Operation:

Depress the button marked  to turn the Instrument ON and the button marked  to turn it OFF.

Allow reading to stabilise, then set the manometer to zero by pressing and holding the zero adjust button marked **0.0**, for approx 3 seconds. The display should show **Off** to indicate a zero offset has been applied. Apply the pressure under test to the **+** pressure port and allow to stabilise.

There is a backlight facility for low light areas. It is operated by pressing the backlight button . This should last approx 5 seconds.

There is an auto shut -off facility, which will turn the instrument off automatically after approx. 1 minute.

When the battery symbol appears on the display, the battery needs replacing. Fit new battery before taking any further readings.

If the "Err" message is shown on the display, then there is over pressure applied or the sensor has been damaged.

Do Not Over Pressure -refer to the table below for max pressure limits.

Model No.	Max. Over Pressure
PC Mano P1	250 mBar
PC Mano P2	750 mBar
PC Mano P3	2000 mBar
PC Mano P4	2000 mBar
PC Mano P5	4000 mBar
PC Mano P5A	4000 mBar
PC Mano P6	10 Bar

Environmental Specification:

Standard instruments are designed to be splash proof (IP64). All models can be supplied as waterproof (IP67) as an optional extra.

Warranty

This instrument has been carefully assembled and tested, and is warranted against faulty workmanship and materials for 24 months from the date of purchase.

During the warranty period any defective instrument will be repaired or replaced at the discretion of the manufacturer. This warranty does not cover damage or failure resulting from misuse or accident.

Modification, adjustment or any alteration with the internal arrangement of the instrument shall absolve the manufacturer from any liability in respect of the instrument.

Any instrument to be repaired should be forwarded to the manufacturer, carriage paid and at the owner's risk. A brief description of the fault should be included.

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Please see other Pressure & Temperature instruments on the Eurolec web site
www.eurolec-instruments.com