

7000 mbar, Dual & differential input

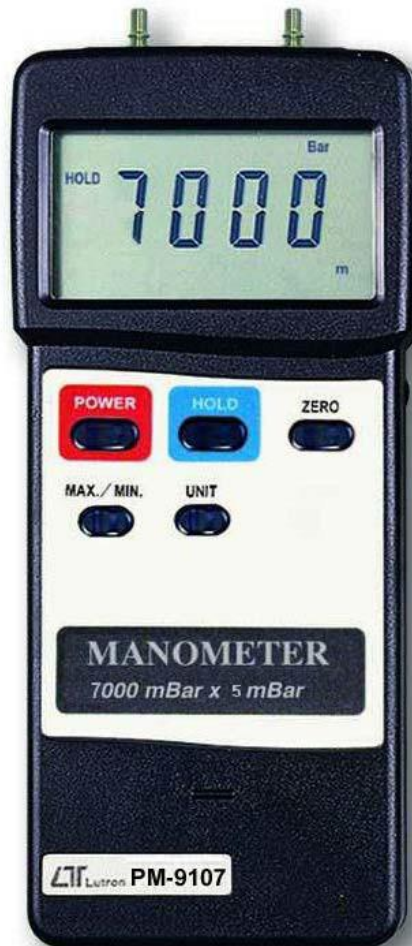
MANOMETER

Model : PM-9107

ISO-9001, CE, IEC1010

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The Art of Measurement

7000 mbar, Dual & differential input

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FEATURE

- * Dual & differential input, 7000 mbar (7 bar) maximum range.
- * Application : Industrial, laboratory, heating, ventilation, medical hospital, used for air or not corrosive and not ionized gas.
- * Sensor is built inside the housing.
- * Single lugs for pipe connection.
- * 8 kind display units (mbar, psi, Kg/cm² mm Hg, inch Hg, meter H2O, inch H2O, Atmosphere) select by push button on the front panel
- * Records max. & min. readings.
- * Zero button on the front panel, easy to offset the zero value.
- * Data Hold.
- * RS232 PC serial interface, can match the personal computer used as the Data Logger, Recorder.... and other modern pressure measuring system.

GENERAL SPECIFICATION

Circuit	Microprocessor LSI circuit.
Display	61 mm x 34 mm supper large LCD display. 15 mm (0.6") digit size.
Display units	mbar, psi, Kg/cm ² , mm/Hg, inch/Hg, meter/H2O, inch/H2O, Atmosphere.
Function	Dual & differential input, data hold, zero/relative, memory.
Zero adjust	Push button on the front panel.
Span adjust	Push button gain adjustment, usage for calibration precisely if necessary.
Sensor	<ul style="list-style-type: none">* Sensor is built inside the housing.* Piezoelectric sensor.* Used for dry, non-corrosive and non-ionic air and gas only.* Liquid is prohibited.
Data hold	By push button.
Data record	Record maximum & minimum readings.
Power off g,	Auto shut off, saves battery life, or manual off by push button.
Sampling time	Approx. 0.8 second.
Operating temperature	0 to 50 °C (32 to 122 °F).
Operating humidity	Less than 80% R.H.
Power supply	006P DC 9V battery(heavy duty).
Power current	Approx. DC 8.5 mA.
Weight	345 g/0.76 LB
Dimension	180 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch)
Accessories included	<ul style="list-style-type: none">* Instruction manual..... 1 PC.* Hard carrying case..... 1 PC.

ELECTRICAL SPECIFICATIONS (23± 5 °C)

Unit	Max. range	Resolution
m bar	7000 m bar	5 m bar
psi	101.5 psi	0.5 psi
Kg/cm ²	7.135 Kg/cm ²	0.005 Kg/cm ²
mm/Hg	5250 mm/Hg	5 mm/Hg
inch/Hg	206.7 inch/Hg	0.1 inch/Hg
meter/H2O	71.35 meter/H2O	0.05 meter/H2O
inch/H2O	2810 inch/H2O	2 inch/H2O

Atmosphere	6.905 Atmosphere	0.005 Atmosphere
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Accuracy $\pm 2\%$ F. S. (F.S. : full scale)

Note :Included linearity, hysteresis and repeatability

* Appearance and specifications listed in this brochure are subject to change without notice.

PM-9107+0510

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