

7000 mbar, dual & differential input

MANOMETER

Model : PM-9107

FEATURES

* Dual & differential input, 7000 mbar max. range.	* Push button gain adjustment, usage for calibration precisely if necessary.
* Application : Industrial, laboratory, heating, ventilation, medical hospital, used for air or not corrosive and not ionized gas.	* Microprocessor circuit assures maximum possible accuracy, provides special functions and features,
* Sensor is built inside the housing.	* Super large LCD display with contrast adjustment for best viewing angle.
* Single lugs for pipe connection.	* Records maximum & minimum readings with recall.
* 8 kind display units (m bar, psi, Kg/cm ² , mm/Hg, inch/Hg, meter/H ₂ O, inch/H ₂ O, Atmosphere) select by push button on the front panel	* Data Hold function for stored the desired value on display.
* Auto shut off saves battery life.	* Built-in low battery indicator.
* Zero button on the front panel, easy to offset the zero value.	* RS 232 PC serial interface, can match the personal computer used as the Data Logger, Recorder.... & other modern pressure measuring system.

GENERAL SPECIFICATIONS

Circuit	Microprocessor LSI circuit.	Data record	Record maximum & minimum readings.
Display	61 mm x 34 mm supper large LCD display. 15 mm (0.6") digit size.	Power off	Auto shut off, saves battery life, or manual off by push button.
Display units	mbar, psi, Kg/cm ² , mm/Hg, inch/Hg, meter/H ₂ O, inch/H ₂ O, Atmosphere.	Sampling time	Approx. 0.8 second.
Function	Dual & differential input, data hold, zero/relative, memory.	Operating temperature	0 to 50 °C (32 to 122 °F).
Zero adjust	Push button on the front panel.	Operating humidity	Less than 80% R.H.
Span adjust	Push button gain adjustment, usage for calibration precisely if necessary.	Power supply	006P DC 9V battery(heavy duty).
Sensor	* Sensor is built inside the housing. * Piezoelectric sensor. * Used for dry, non-corrosive and non-ionic air and gas only. * Liquid is prohibited.	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	* Instruction manual..... 1 PC. * Hard carrying case..... 1 PC.
Data hold	By push button.		

ELECTRICAL SPECIFICATIONS (23± 5 °C)

Unit	Max. range	Resolution	Accuracy
m bar	7000 m bar	5 m bar	± 2 % F. S. (F.S. : full scale) <i>Note :</i> Included linearity, hysteresis and repeatability
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/H ₂ O	71.35 meter/H ₂ O	0.05 meter/H ₂ O	
inch/H ₂ O	2810 inch/H ₂ O	2 inch/H ₂ O	
Atmosphere	6.905 Atmosphere	0.005 Atmosphere	

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

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