



MANOMETER *2000 mbar, Dual & differential input*

Model : PM-9100HA

ISO-9001, CE, IEC1010



FEATURES

- * Dual & differential input, 2000 mbar (2 bar) maximum range.
- * Application : Industrial, laboratory, heating, ventilation, medical hospital, used for air or not corrosive and not ionized gas & liquid.
- * 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.



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The Art of Measurement

2000 mbar, dual & differential input



MANOMETER

Model : PM-9100HA

FEATURES

* Dual & differential input, 2000 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 & liquid.	* 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.	* Hard carrying case included.

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	185 x 78 x 38 mm (7.2 x 3.0 x 1.4 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	2000 m bar	1 m bar	± 2 % F. S. (F.S. : full scale) <i>Note :</i> <i>Included linearity, hysteresis and repeatability</i>
psi	29 psi	0.01 psi	
Kg/cm ²	2.040 Kg/cm ²	0.001 Kg/cm ²	
mm/Hg	1500 mm/Hg	1 mm/Hg	
inch/Hg	59.05 inch/Hg	0.02 inch/Hg	
meter/H ₂ O	20.40 meter/H ₂ O	0.01 meter/H ₂ O	
inch/H ₂ O	802 inch/H ₂ O	0.5 inch/H ₂ O	
Atmosphere	1.974 Atmosphere	0.001 Atmosphere	

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

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