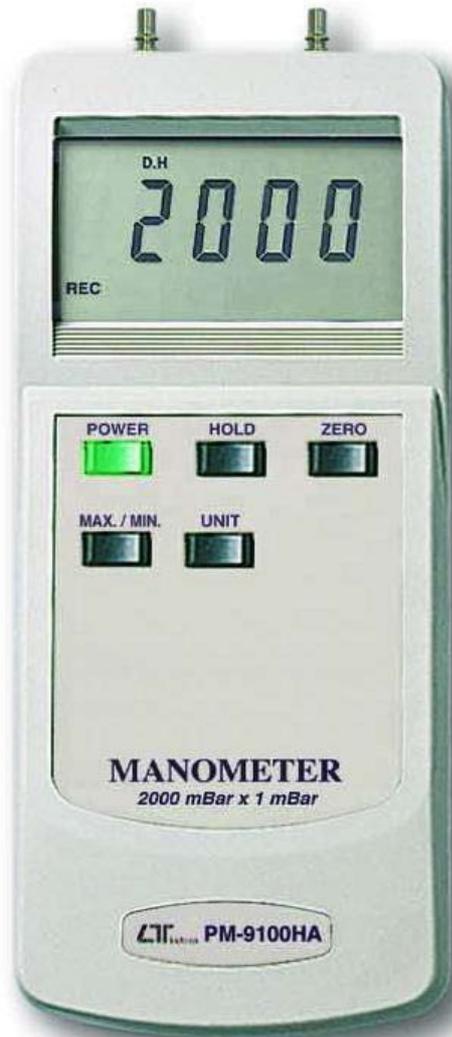


MANOMETER *2000 mbar, Dual & differential input*

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.



LUTRON

LUTRON ELECTRONIC

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.

0604-PM9100HA

