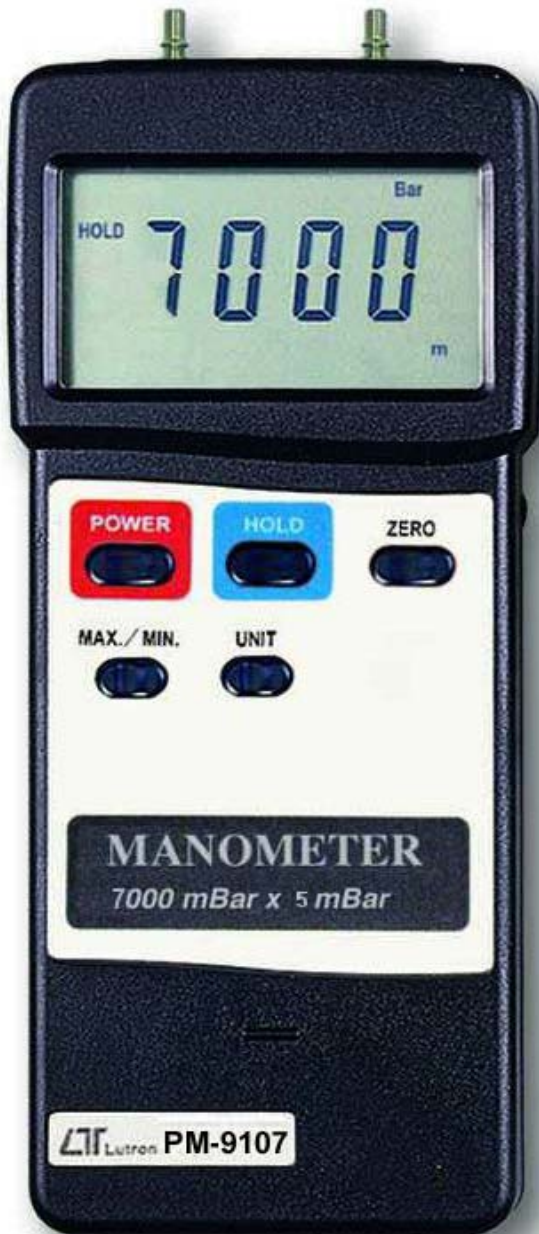


MANOMETER *7000 mbar, Dual & differential input*

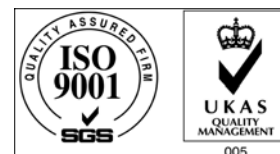
Model : PM-9107

ISO-9001, CE, IEC1010



FEATURES

- * 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.



Lutron

LUTRON ELECTRONIC

The Art of Measurement

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.

0510-PM9107