

# twilight

INSTRUMENTOS DE MEDICIÓN INDUSTRIAL

## Medidor de Vacío LT-VC9200

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# VACUUM METER

Model : VC-9200

ISO-9001, CE, IEC1010



## FEATURES

- \* Absolute vacuum & absolute pressure measurement.
- \* Wide measure range from 1 to 1500 mbar.
- \* Overload protection up to 2000 mbar max.
- \* 8 kind display units : torr, mm Hg, micron, mbar, KPa, Pa, inch Hg, psi
- \* Separate probe, easy operation.
- \* Heavy duty sensor used for air, oil gas, liquid.
- \* Auto shut off saves battery life.
- \* Microprocessor circuit.
- \* Maximum & minimum records.
- \* Data Hold function.
- \* Built-in low battery indicator.
- \* RS232 PC serial interface.
- \* Application : Automobile, Industrial, laboratory, heating, ventilation, medical hospital.....



**Lutron**

**LUTRON ELECTRONIC**

***The Art of Measurement***

# VACUUM METER

Model : VC-9200

| FEATURES  |  |
|---|--|
| * Absolute vacuum & absolute pressure measurement   | * Auto shut off saves battery life.  |
| * Wide measure range from 1 to 1500 mbar.   | * Microprocessor circuit assures maximum possible accuracy, provides special functions and features, |
| * Overload protection up to 2000 mbar max.  | * Records maximum & minimum readings with recall.  |
| * Separate probe, easy operation.   | * Data Hold function for stored the desired value on display.  |
| * Application : Automobile, Industrial, laboratory, heating, ventilation, medical hospital.....                       | * Built-in low battery indicator.  |
| * Heavy duty sensor used for air, oil gas, liquid.  | * RS232 PC serial interface, can match the personal computer used as the Data Logger, Recorder....   |
| * 8 kind display units ( torr, mm Hg, micron, mbar, KPa, Pa, inch Hg, psi ) select by push button on the front panel. |  |

| GENERAL SPECIFICATIONS |  |                         |  |
|------------------------|--|-------------------------|--|
| Display                | 61 mm x 34 mm supper large LCD display. 15 mm ( 0.6" ) digit size.   | Power supply            | 006P DC 9V battery(heavy duty).  |
| Display units          | 8 kind display units : torr, mm Hg, micron, mbar, KPa, Pa, inch Hg, psi.                                     | Power current           | Approx. DC 6.0 mA.   |
| Circuit                | Microprocessor LSI circuit.  | Pressure Port Connector | 1/4" PS  |
| Function               | Data hold, memory ( max., min. )   | Weight                  | <i>Instrument :</i><br>220 g/0.48 LB.  |
| Sensor probe           | * Separate probe, easy operation.<br>* Heavy duty sensor used for vacuum measurement of air, oil gas liquid. |                         | <i>Sensor probe :</i><br>175 g/0.39 LB.  |
| Data hold              | By push button.  | Dimension               | <i>Meter :</i><br>180 x 72 x 32 mm<br>( 7.1 x 2.8 x 1.3 inch )   |
| Data record            | Record maximum & minimum readings.   |                         | <i>Sensor probe :</i><br>90 mm x 30 mm Dia.  |
| Data output            | RS 232 PC serial interface.  | Accessories included    | * Sensor probe..... 1 PC.<br>* Instruction manual..... 1 PC.<br>* Hard carrying case..... 1 PC.                |
| Sampling time          | Approx. 0.8 second.  | Optional accessories    | * Data acquisition software ( Windows version ), SW-U801-WIN.<br>* RS232 cable, UPCB-01<br>* USB cable, USB-01 |
| Power off              | Auto shut off, saves battery life, or manual off by push button.   |                         |  |
| Operating temperature  | 0 to 50 °C ( 32 to 122 °F ).   |                         |  |
| Operating humidity     | Less than 80% R.H.   |                         |  |

| ELECTRICAL SPECIFICATIONS |                 |              |   |
|---------------------------|-----------------|--------------|---|
| Unit                      | Max. range      | Resolution   | Accuracy ( 23± 5 °C )   |
| mbar                      | 1500 mbar       | 1 mbar       | ± 1 % F. S. ( F.S. : full scale )<br><br><i>Note :</i><br><i>Included linearity, hysteresis and repeatability</i> |
| KPa                       | 150.0 KPa       | 0.1 KPa      |   |
| Pa                        | 150,000 Pa      | 100 Pa       |   |
| torr                      | 1125 torr       | 1 torr       |   |
| mm Hg                     | 1125 mm Hg      | 1 mm Hg      |   |
| micron                    | 1125,000 micron | 1000 micron  |   |
| inch Hg                   | 44.30 inch Hg   | 0.02 inch Hg |   |
| psi                       | 21.75 psi       | 0.01 psi     |   |

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

0607-VC9200

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