

# 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	1/4" PS
Function	Data hold, memory ( max., min.)	Port Connector	
Sensor probe	* Separate probe, easy operation. * Heavy duty sensor used for vacuum measurement of air, oil gas liquid.	Weight	<i>Instrument :</i> 220 g/0.48 LB. <i>Sensor probe :</i> 175 g/0.39 LB.
Data hold	By push button.	Dimension	<i>Meter :</i> 180 x 72 x 32 mm ( 7.1 x 2.8 x 1.3 inch ) <i>Sensor probe :</i> 55 mm x 30 mm Dia.
Data record	Record maximum & minimum readings.	Accessories	* Sensor probe..... 1 PC. * Instruction manual..... 1 PC. * Hard carrying case..... 1 PC.
Data output	RS 232 PC serial interface.	included	
Sampling time	Approx. 0.8 second.	Optional accessories	* Data acquisition software ( Windows version ), SW-U801-WIN. * RS232 cable, UPCB-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 )  <i>Note :</i> <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.

0108-VC9200