

VACUUM METER

Model : VC-9200

ISO-9001, CE, IEC1010

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02-2389-0101



Unit :

mmHg	mbar	inch Hg	psi
torr (torr)	micron (μ Hg)	kpa (-PA)	pr (PA)



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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 super 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	Instrument : 220 g/0.48 LB.
Sensor probe	* Separate probe, easy operation. * Heavy duty sensor used for vacuum measurement of air, oil gas liquid.		Sensor probe : 175 g/0.39 LB.
Data hold	By push button.	Dimension	Meter : 180 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch)
Data record	Record maximum & minimum readings.		Sensor probe : 90 mm x 30 mm Dia.
Data output	RS 232 PC serial interface.	Accessories	* Sensor probe..... 1 PC.
Sampling time	Approx. 0.8 second.		* Instruction manual..... 1 PC.
Power off	Auto shut off, saves battery life, or manual off by push button.	included	* Hard carrying case..... 1 PC.
Operating temperature	0 to 50 °C (32 to 122 °F).	Optional accessories	* Data acquisition software (Windows version), SW-U801-WIN.
Operating humidity	Less than 80% R.H.		* RS232 cable, UPCB-01 * USB cable, USB-01

ELECTRICAL SPECIFICATIONS			
Unit	Max. range	Resolution	Accuracy (23± 5 °C)
mbar	1500 mbar	1 mbar	± 1 % F. S. (F.S. : full scale) Note : Included linearity, hysteresis and repeatability
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.

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