

Manometer



Optional



USB CABLE & SOFTWARE

P/N: VZUSBZM

RS232 CABLE & SOFTWARE

P/N: VZRS232BN

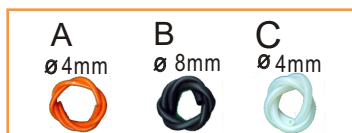


RUBBER HOLSTER / STAND

P/N: VM68601HA, BLUE

P/N: VM68601HS+VM68601HS1, RED

P/N: VM68601HS11+VM68601HSA, GREY



TUBING FOR MANOMETERS

A: WITHSTAND UP TO 100PSI PRESSURE

ORANGE COLOR / FIT 4MM LUG
/500MM LONG P/N: VW88205B

B: WITHSTAND 0~30 PSI PRESSURE

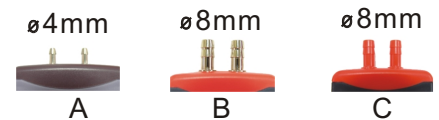
BLACK COLOR / FIT 8MM LUG
/500MM LONG P/N: VW88205C

C: WITHSTAND 30~100PSI PRESSURE

WHITE COLOR / FIT 8MM LUG
/500MM LONG P/N: VW88230A

Digital Manometer 8252/8205/8215/8230/82100

- ▲ Measure gauge/differential pressure
- ▲ Hold, maximum / minimum, record features
- ▲ Over-range indication with error messages
- ▲ Backlight function works in dark area
- ▲ Auto power off disablement
- ▲ 11units or 5 units for selection (metric, imperial)
- ▲ Real time shows in recording mode
- ▲ PC interface via cable and software to download data
- ▲ Powered by 9V battery or adaptor
- ▲ Low battery indicator
- ▲ Plastics & metal & 2 size lug available
4mm, metal only (A)
8mm, metal or plastic (B, C)



Model	8252	8205	8215	8230	82100
Range & (Resolution)					
psi	± 2.000 ^(0.001)	± 5.000 ^(0.003)	± 15.00 ^(0.01)	± 30.00 ^(0.02)	± 100.0 ^(0.1)
kPa	± N/A	± 34.47 ^(0.02)	± 103.4 ^(0.1)	± 206.8 ^(0.2)	± 689.5 ^(0.4)
mmHg	± N/A	± 258.6 ^(0.2)	± 775.7 ^(0.5)	± 1551 ⁽¹⁾	± 5171 ⁽³⁾
Kg/cm2	± N/A	± 0.352 ^(0.001)	± 1.055 ^(0.001)	± 2.109 ^(0.002)	± 7.031 ^(0.004)
mbar(hpa)	± 137.9 ^(0.1)	± 344.7 ^(0.2)	± 1034 ⁽¹⁾	± 2068 ⁽²⁾	± 6895 ⁽⁴⁾
bar	± 0.138 ^(0.001)	± 0.345 ^(0.001)	± 1.034 ^(0.001)	± 2.068 ^(0.002)	± 6.895 ^(0.004)
inH2O	± 55.36 ^(0.01)	± 138.4 ^(0.1)	± 415.2 ^(0.3)	± 830.4 ^(0.5)	± 2768 ⁽²⁾
cmH2O	± N/A	± 350.2 ^(0.2)	± 1051 ⁽¹⁾	± 2101 ⁽²⁾	± 7004 ⁽⁴⁾
inHg	± N/A	± 10.18 ^(0.01)	± 30.54 ^(0.02)	± 61.08 ^(0.04)	± 203.6 ^(0.2)
ftH2O	± N/A	± 11.53 ^(0.01)	± 34.60 ^(0.02)	± 69.20 ^(0.04)	± 230.7 ^(0.2)
oz/inch2	± N/A	± 80.00 ^(0.05)	± 240.0 ^(0.2)	± 480.0 ^(0.3)	± 1600 ⁽¹⁾
mmH2O	± 1401 ⁽¹⁾	N/A	N/A	N/A	N/A

Accuracy

Accuracy

±0.3% of full scale at ±25°C(77°F)

Repeatability

±0.2%~0.5% of full scale

Linearity/Hysteresis

±0.29% to 1% of full scale

Combined accuracy

± 1.0% of full scale

Response time	0.5 second
Compensated temp. range	0~50°C
LCD size (mm, HxW)	29x51
Operating temp.	0~50°C
Operating RH%	Humidity < 80%
Storage temp.	-20~50°C
Storage RH%	Humidity < 90%
Dimension(mm, LxWxT)	182x72x30
Weight	~150g
Battery	9V battery or adaptor
Standard Package	Meter/ battery/ manual/ connection hose/ hard carry case

UNITS CONVERSION : 1psi x 6.8947=kpa , 1psi x 68.947=mbar(hpa) , 1psi x 0.068966=bar ,
1psi x 70.038=cmH2O, 1psi x 51.715=mmHg , 1psix16=ozin² ,
1psi x 51.71433=torr , 1psi x 6890=pascal (pa)

NOTE: Exceeding maximum pressure will cause permanent sensor damage.