

# MANOMETER



82012  
82062  
82152

## Economic Digital Manometer 82012/82062/82152

- Portable digital gauge/differential pressure meter
- Display pressure change from baseline
- Over-range indication with error message
- 11 units for selection (metric, imperial)
- Accumulative time shows in recording period
- 2 size metal lug available: 4mm & 8mm



Auto Power Off



HOLD



MAX/MIN



Low Battery



Manual Logging



Memory Recall



PC Link



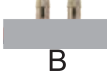
Backlight

ø4mm



A

ø8mm



B

PC link



Model	82012	82062	82152
Range & (Resolution)			
psi	± 1.000 <sup>(0.001)</sup>	± 6.000 <sup>(0.001)</sup>	± 15.000 <sup>(0.001)</sup>
kPa	± 6.89 <sup>(0.01)</sup>	± 41.37 <sup>(0.01)</sup>	± 103.42 <sup>(0.01)</sup>
mmHg	± 51.7 <sup>(0.1)</sup>	± 310.3 <sup>(0.1)</sup>	± 775.7 <sup>(0.1)</sup>
Kg/cm <sup>2</sup>	± 0.070 <sup>(0.001)</sup>	± 0.422 <sup>(0.001)</sup>	± 1.055 <sup>(0.001)</sup>
mbar(hpa)	± 68.9 <sup>(0.1)</sup>	± 413.7 <sup>(0.1)</sup>	± 1034.2 <sup>(0.1)</sup>
bar	± 0.069 <sup>(0.001)</sup>	± 0.414 <sup>(0.001)</sup>	± 1.034 <sup>(0.001)</sup>
inH <sub>2</sub> O	± 27.68 <sup>(0.01)</sup>	± 166.08 <sup>(0.01)</sup>	± 415.20 <sup>(0.01)</sup>
mmH <sub>2</sub> O	± 703 <sup>(1)</sup>	± 4218 <sup>(1)</sup>	± 10546 <sup>(1)</sup>
inHg	± 2.036 <sup>(0.001)</sup>	± 12.216 <sup>(0.001)</sup>	± 30.5 <sup>(0.001)</sup>
ftH <sub>2</sub> O	± 2.307 <sup>(0.001)</sup>	± 13.840 <sup>(0.001)</sup>	± 34.6 <sup>(0.001)</sup>
oz/inch <sup>2</sup>	± 16.00 <sup>(0.01)</sup>	± 96.00 <sup>(0.01)</sup>	± 240.00 <sup>(0.01)</sup>

Accuracy (10~30°C)

±1.0% of full scale

Response time

0.5 second

Compensated temp. range

10~30°C

LCD size (mm, HxW)

32.5 x 54

Operating temp.

0~50°C

Operating RH%

Humidity < 80%

Storage temp.

-20~50°C

Storage RH%

Humidity < 90%

Dimension(mm, LxWxT)

169x78.3x 34.4

Weight

~200g

Battery

6PCS AAA batteries

Standard Package

Meter/ battery/ manual/ connection hose/  
hard carry case

### Ordering Code

VZ82012AZ, 1psi 82012 manometer  
VZ82062AZ, 6psi 82062 manometer  
VZ82152AZ, 15psi 82152 manometer  
\*for 8mm metal: VZxxxxAZBM  
VW88205B, orange tube 500mm  
VW88205C, black tube 500mm  
VZUSBAZM, software kit

### Optional



#### 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

### UNITS CONVERSION :

1psi x 6.8947=kpa , 1psi x 68.947=mbar(hpa) , 1psi x 0.068966=bar ,  
1psi x 703.069=mmH<sub>2</sub>O, 1psi x 51.715=mmHg , 1psix16=ozin<sup>2</sup> ,  
1psi x 51.71433=torr , 1psi x 6894.757=pascal (pa)