



## Handy Pressure Datalogger 9631/96315/9635/9632

- Measuring & recording differential pressure  
3 measurement modes:
  - single point measurement
  - manual record up to 99 points
  - automatically record up to 12000 points
- 11 pressure units selectable
- Automatic recording is programmable
- Uploading pre-edited header from PC to meter



Auto Power Off



Manual Logging



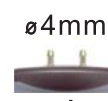
Auto Logging



Low Battery



Memory Recall



A



B



PC Link



Backlight



DC jack



Dot matrix LCM



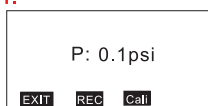
Tripod Hole



C

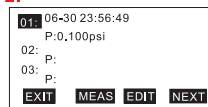
### Three measurement modes

1.



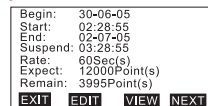
Example:  
9635 single point measurement

2.

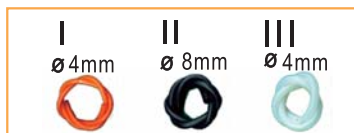
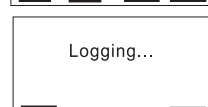


Example:  
9635 manually record

3.



Example:  
Logging function in processing



### TUBING FOR MANOMETERS

I: Withstand up to 100psi pressure/Orange color / fit 4mm lug /500mm long  
P/N: VW88205B

II: Withstand 0~30 psi pressure/Black color / fit 8mm lug /500mm long  
P/N: VW88205C

III: Withstand 30~100psi pressure/White color / fit 8mm lug /500mm long  
P/N: VW88230A

### Ordering Code

VZ9632AZ, 2psi 4mm metal logger  
VZ9635AZ, 5psi 4mm metal manometer  
VZ96315AZ, 15psi 4mm metal manometer  
VZ9631AZ, 100psi 4mm metal manometer  
\*for 8mm metal: VZxxxxAZBM  
\*for 8mm plastic: VZxxxxAZB

Model	9632	9635	96315	9631
Range & (Resolution)				
psi	± 2.000 (0,001)	± 5.000 (0,003)	± 15.00 (0,01)	± 100.0 (0,1)
kPa	± N/A	± 34.47 (0,02)	± 103.4 (0,1)	± 689.5 (0,4)
mmHg	± N/A	± 258.6 (0,2)	± 775.7 (0,5)	± 5171 (3)
Kg/cm2	± N/A	± 0.352 (0,001)	± 1.055 (0,001)	± 7.031 (0,004)
mbar(hpa)	± N/A	± 344.7 (0,2)	± 1034 (1)	± 6895 (4)
bar	± 0.1379 (0,1)	± 0.345 (0,001)	± 1.034 (0,001)	± 6.895 (0,004)
inH2O	± 55.36 (0,01)	± 138.4 (0,1)	± 415.2 (0,3)	± 2768 (2)
cmH2O	± N/A	± 350.2 (0,2)	± 1051 (1)	± 7004 (4)
inHg	± N/A	± 10.18 (0,01)	± 30.54 (0,02)	± 203.6 (0,2)
ftH2O	± N/A	± 11.53 (0,01)	± 34.60 (0,02)	± 230.7 (0,2)
oz/inch2	± N/A	± 80.00 (0,05)	± 240.0 (0,2)	± 1600 (1)
mmH2O	± 1401 (1)	± N/A	± N/A	± N/A

Combined accuracy	± 1.0% of full scale
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

Response time	0.5 second
Compensated temp. range	0~50°C
LCD size (mm, HxW)	26x45
Operating temp.	0~50°C
Operating RH%	Humidity < 80%
Storage temp.	-20~50°C
Storage RH%	Humidity < 90%
Dimension(mm, LxWxT)	171x70x39.5(H)
Weight	~260g
Battery	AAA battery x 4pcs or 9V adaptor
Standard Package	Meter, connection hose x2, battery, manual, software CD & cable, hard carry case

### UNITS CONVERSION :

1psi x 6.8947=kpa, 1psi x 68.947=mbar(hpa), 1psi x 0.068966=bar,  
1psi x 703.069=mmH2O, 1psi x 51.715=mmHg, 1psi x 16=ozin<sup>2</sup>, 1psi x 51.71433=torr,  
1psi x 6894.757=pascal (pa)

