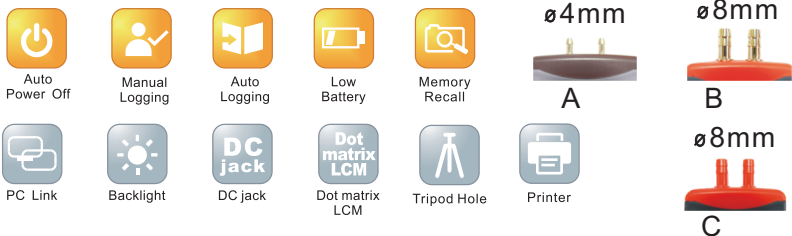




Pressure datalogger w/printer
9831/9835

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

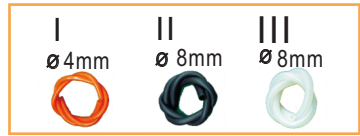


Three measurement modes

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 *Bulk order only*

VZ9835AZ, 5psi 4mm metal manometer

VZ9831AZ, 100psi 4mm metal manometer

*for 8mm metal:VZxxxxAZBM

*for 8mm plastic:VZxxxxAZB

Model	9835	9831
Range & (Resolution)		
psi	± 5.000 (0.003)	± 100.0 (0.1)
kPa	± 34.47 (0.02)	± 689.5 (0.4)
mmHg	± 258.6 (0.2)	± 5171 (3)
Kg/cm2	± 0.352 (0.001)	± 7.031 (0.004)
mbar(hpa)	± 344.7 (0.2)	± 6895 (4)
bar	± 0.345 (0.001)	± 6.895 (0.004)
inH2O	± 138.4 (0.1)	± 2768 (2)
cmH2O	± 350.2 (0.2)	± 7004 (4)
inHg	± 10.18 (0.01)	± 203.6 (0.2)
ftH2O	± 11.53 (0.01)	± 230.7 (0.2)
oz/inch2	± 80.00 (0.05)	± 1600 (1)
mmH2O	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)	208x70x53(H)	
Weight	~370g	
Battery	AA battery x 4pcs or 9V adaptor	
Standard Package	Meter, connection hosesx2, battery, manual, thermo paper, 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 , 1psix16=ozin² , 1psi x 51.71433=torr ,

1psi x 6894.757=pascal (pa)

Optional

