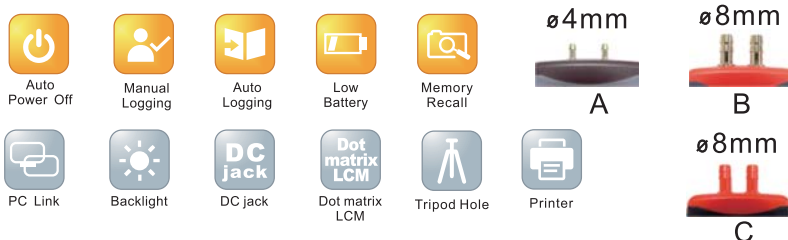




## Pressure datalogger w/printer 9831/9835

- 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

- Example:  
9635 single point measurement

P: 0.1psi

EXIT REC Call
- Example:  
9635 manually record

01: 06-30 23:56:49  
P:0.100psi  
02: P:  
03: P:

EXIT MEAS EDIT NEXT
- Example:  
Logging function in processing

Begin: 30-06-05  
Start: 02:28:55  
End: 02-07-05  
Suspend: 03:28:55  
Rate: 60Sec(s)  
Expect: 12000Point(s)  
Remain: 3995Point(s)

EXIT EDIT VIEW NEXT

Logging...

STOP VIEW



### 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

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 <sup>(0.003)</sup>	± 100.0 <sup>(0.1)</sup>
kPa	± 34.47 <sup>(0.02)</sup>	± 689.5 <sup>(0.4)</sup>
mmHg	± 258.6 <sup>(0.2)</sup>	± 5171 <sup>(3)</sup>
Kg/cm2	± 0.352 <sup>(0.001)</sup>	± 7.031 <sup>(0.004)</sup>
mbar(hpa)	± 344.7 <sup>(0.2)</sup>	± 6895 <sup>(4)</sup>
bar	± 0.345 <sup>(0.001)</sup>	± 6.895 <sup>(0.004)</sup>
inH2O	± 138.4 <sup>(0.1)</sup>	± 2768 <sup>(2)</sup>
cmH2O	± 350.2 <sup>(0.2)</sup>	± 7004 <sup>(4)</sup>
inHg	± 10.18 <sup>(0.01)</sup>	± 203.6 <sup>(0.2)</sup>
ftH2O	± 11.53 <sup>(0.01)</sup>	± 230.7 <sup>(0.2)</sup>
oz/inch2	± 80.00 <sup>(0.05)</sup>	± 1600 <sup>(1)</sup>
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=ozin<sup>2</sup>, 1psi x 51.71433=torr,  
1psi x 6894.757=pascal (pa)

Optional



SPARE THERMO PAPER  
P/N: VM69811B  
SIZE: 38MM X 20M X 30@

