

Manometer Datalogger

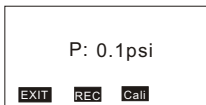


Handy Pressure Datalogger 9631/315/35/32

- ▲ Measuring & recording gauge & 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
- ▲ PC interface w/ software enable to link w/PC for data download or uploading pre-edited header from PC to meter
- ▲ Big dot matrix LCM
- ▲ Backlight function to use in dark area
- ▲ Auto power off time selectable
- ▲ Built-in tripod mountable receptacle
- ▲ Different connection lug size is available

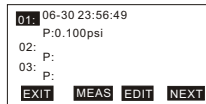
Three measurement modes

1.



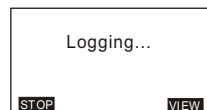
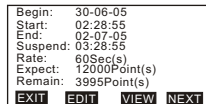
Example:
9635 single point measurement

2.



Example:
9635 manually record

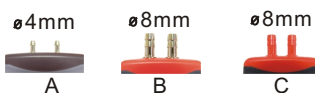
3.



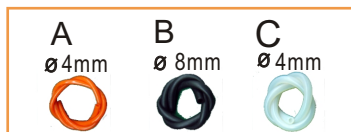
Example:
Logging function in processing

3 different lug types:

*4MM, METAL ONLY (A)
*8MM, METAL OR PLASTIC(B, C)



Optional



TUBING FOR MANOMETERS

A: WITHSTAND 0~100PSI 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

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	± 13.79 _(0.01)	± 34.47 _(0.02)	± 103.4 _(0.1)	± 689.5 _(0.4)
mmHg	± 103.4 _(0.1)	± 258.6 _(0.2)	± 775.7 _(0.5)	± 5171 ₍₃₎
Kg/cm2	± 0.141 _(0.001)	± 0.352 _(0.001)	± 1.055 _(0.001)	± 7.031 _(0.004)
mbar(hpa)	± 137.9 _(0.1)	± 344.7 _(0.2)	± 1034 ₍₁₎	± 6895 ₍₄₎
bar	± 0.138 _(0.001)	± 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	± 140.1 _(0.1)	± 350.2 _(0.2)	± 1051 ₍₁₎	± 7004 ₍₄₎
inHg	± 4.072 _(0.001)	± 10.18 _(0.01)	± 30.54 _(0.02)	± 203.6 _(0.2)
ftH2O	± 4.614 _(0.001)	± 11.53 _(0.01)	± 34.60 _(0.02)	± 230.7 _(0.2)
oz/inch2	± 32.48 _(0.02)	± 80.00 _(0.05)	± 240.0 _(0.2)	± 1600 ₍₁₎

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)

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) mm

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 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.