OMNIGUARD™ 4

The Omniguard 4 is the clear choice for monitoring and documenting Vacuum and Pressure in a containment area. Ideal for Asbestos, Lead and Mold abatement and Clean Room monitoring. The Omniguard 4 utilizes state of the art pressure measurement technology to accurately monitor pressure inside a containment area.

Operating Range	+/- 0.250 inches Water Column (+/- 6.35 mm WC, +/- 62.5 Pascals)
Resolution	0.001 inches Water Column (+/- 0.05 mm WC, +/- 0.5 Pascals)
Accuracy	+/- 0.003 inches Water Column or +/- 1% of reading whichever is greater
Pressure Units Displayed	"WC (inches Water Column), mmWC (millimeters Water Column), Pa (Pascals)
Calibration	Zero Cal function, temperature compensated
Burst Pressure	3 psi (20 kPa) on either port
Data Storage Capacity	128,000 characters, 30+ days of readings (over 4000 logged events) in non-volatile memory (no battery required) (29500 characters, 7+ days of readings, 30 data data retention for Omniguard III)

Display	Graphic Liquid Crystal Display (LCD) with adjustable backlight and over 3.5 sq. inch viewing area
Internal Clock	the internal clock is powered by a self-charging lithium-ion battery that provides 30+ days of clock operation when AC or DC power is not present
Printer	20 character wide thermal printer (uses 2.2" wide thermal paper)
Printing/Logging Rates	Normal Operation -- highest and lowest pressure readings printed/logged at intervals of 5, 15, 30 minutes or OFF Alarm Condition -- current pressure reading printed/logged at intervals of 15, 30, 60 or 120 seconds for first 10 minutes of alarm condition, increasing to 15 minute intervals thereafter
Alarms	Two programmable alarm setpoints, 95db audible alarm with flashing LED and on-screen warning indicate alarm condition
Pressure Inlets	Two 3/16" OD barbed hose connectors, 10 ft of hose provided
Serial Port	DB-9 Male, RS232
USB Port	USB V1.0 Type-B
Aux Alarm Port	1/8" stereo phono jack, relay contact outputs: NC, NO and Common rated 1A @ 30Vdc or 0.5A @ 115VAC
Power	115 VAC 60Hz with 6 ft power cord (220 VAC 50Hz optional, 6VDC battery pack optional)
Case	Dimensions 9.25" x 7.5" x 4.5", Shipping Weight 6 lbs., Copolymer polypropylene case with polycarbonate window in the lid and stainless steel hanging hook