



SPECIFICATIONS

AIRBORNE PARTICULATES

Number of Channels:	4
Channel Sizes:	0.5um, 1um, 5um, 10um
Count Modes:	Cumulative or differential, P/CF, P/CM, P/CL
Concentration Range:	0 to 3,000,000 P/CF (ISO 21501-4)
Counting Efficiency:	50% +/- 20% (ISO 21501-4) 100% +/- 10% (ISO 21501-4)
False Counts:	< 1 count per 5 minutes
Flow Rate:	1.5 LPM
Inlet:	Isokinetic probe with 125u stainless steel screen
Light Source:	Laser diode, 10 mW, 650 nm
Laser Safety:	Class 1 laser product (safe)

DIFFERENTIAL ROOM PRESSURE

Mode:	Bi-directional, positive and negative room differential
Full Scale:	+/- 24.9 Pa
Accuracy:	+/- 1% FS
Inlet:	Quick disconnect fitting

RELATIVE HUMIDITY

Units:	% RH
Accuracy:	+/- 10%

AIR QUALITY

Gas Detection:	CO2
Units:	ppm
Concentration Range:	0 – 10,000 ppm

LIGHT

Response:	Approximates human eye response to visible light
Rejection:	Rejects 50/60 Hz lighting ripple and IR
Units:	Lux

SOUND

Units:	dB SPL
Sound Range:	30 – 100 dB SPL
Weighting:	A-Weighted

GENERAL

Operating Temperature Range:	0 to +50C
Storage Temperature Range:	-20 to +80C
Interface:	Single RJ-45
IEEE 802.3 Ethernet	
IEEE 802.3af Power Over Ethernet	
User Programmable Alerts:	The user can program alerts for each metric
Data Base:	Firebird database with programmable duration
Graphical data available for all metrics	
Network Security:	AES network encryption
Calibration Cycle:	Yearly
Size:	7.000L x 6.850W x 4.125H, Inches
Weight:	3.25 Pounds

Note: Specifications subject to change