

Specifications

General

Particle-Size Range	(0.3, 0.5, 1.0, 2.0, 5.0, 10.0) μm
Channels	6
Flow Rate	0.1 cfm (2.83 L/min)
Light Source	775 nm to 795 nm, 90 mW class 3B laser
Calibration	PSL particles in air (NIST traceable)
Counting Efficiency	50 % @ 0.3 μm ; 100 % for particles >0.45 μm (per ISO 21501)
Zero Count Level	1 count / 5 minute (per JIS B9921)
Concentration Limits	10 % at 4,000,000 per cubic ft (per ISO 21501)
Count Mode	raw counts, $\#/\text{ft}^3$, $\#/\text{m}^3$, $\#/\text{l}$ in cumulative or differential mode
Data Storage	10,000 records (rotating buffer)
Delay Time	0 hours to 24 hours
Sample Inlet	Isokinetic Probe
Security	Administrator password controlled (optional)
Communication Modes	USB or Ethernet
Display	QVGA color with backlight
Alarms	User defined for each particle size
Dimensions	(27.2 x 9.9 x 5.3) cm (10.7 x 3.9 x 2.1) inches