



● Features and Benefits

- Four Channels of Simultaneous Particle Count Data
- Ease to install
- Easily installed in the Process Equipment Eliminating Transport Tubing Losses
- Ag Sample Collecting Plate for Off line Particle analysis
- Meets or Exceeds current JIS (JIS : Japanese Industrial Standard)

● Applications

- Clean Room and Facility Monitoring
- Particle Trend Analysis
- Indoor Air Quality (IAQ) Analysis
- Real Time InSitu Particle Monitoring in the Process Equipment.

● Specifications



Real Time Insitu Particle Counting and Sizing With Particle Capture For Off Line Analysis

Size range	0.5 ~ 5.0 μm
Particle channel sizes	0.5, 1.0, 2.0, 5.0 μm or 0.5, 1.0, 5.0, 10.0 μm User Selectable, (4ch)
Counting efficiency	50 % at 0.5 μm , 100 % > 1.0 μm per ISO 21501-4 and JIS
Flow rate	28.3 L/min (1.0 CFM)) \pm 5% accuracy (meets ISO 21501-4 and JIS B9921)
Max. concentration	1,000,000 particles/CFM @ 0.5 μm
Sampling time	Various
Light source	Laser Diode
Zero count level	< 1/sec @ 5 min.
Vacuum requirement	External Vacuum Pump (< 600 mmHg)
Communication	Ethernet
Exhaust	External Pump
Enclosure	Steel
Surface of sampling plate	Ag
Dimension (LWH)	7 x 14 x 12.5 cm (2.8 x 5.5 x 5 in)
Weight	0.89 kg (1.96 lbs)
Power	100 ~ 230 VAC, 50 ~ 65 HZ

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