



CR Facility Monitoring
Pharmaceutical
Aerospace/ Defense
Electronics
MEMS
Semiconductor
Food Processing
Medical / Hospitals

Features:

- 0.3um/0.5um for Model 3714 & 0.5 um /5.0 um for Model 3715 sensitivity
- Built-in sonic nozzle for accurate and consistent flow
- Built-in LEDs for sensor status at a glance

Benefits:

- Compact stainless body
- Temperature/Relative Humidity sensors available as option
- Status LED shows Particle, Status (LD), and Flow (Optional)



Specifications

Model	3714	3715
Particle Sizes	0.3um / 0.5um	0.5um / 5.0um
Flow Rate	0.1CMF (2.83 L / min)	
Concentration Range	0 ~ 1,000,000 particles / cf	
Flow Control	Sonic nozzle (Requires external vacuum source)	
Light Collection	Laser-light-scattering, wide-angle light collection by side mirror	
Light Source	780nm Laser diode (LD)	
Light Detector	Photodiode	
Status LED	PARTICLE, STATUS (LD), FLOW (Optional)	
Measuring accuracy	+/-10% of reading	
Interface	RS-485	
Connector's form	Modular connector; 8 pins	
Power supply	Supplied from the Distributor or Power Unit	
Dimensions	2.8" x 5.0" x 1.6" (72 x 126 x 40mm)	
Weight	Approx. 2.2lbs (Approx. 1kg)	