



**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-ange 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)	