

OPC-3114/3115/3116

Online Particle Counter



OPC-3114



OPC-3115



OPC-3116

EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

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►► **Pharmaceutical Online Particle Counter System :**

Online particle counter is used to measure the size of 0.5µm and 5µm dust particles per unit volume of air of aseptic room in the production area, and can directly detect class of ISO Class 5-9 (EU GMP Grade A-D) clean environments. It uses laser diode light source, with built-in pump or centralized vacuum system to achieve continuous monitoring. Signal transmission distance up to 1.2km, each size range can be set the maximum number of particles, and will alarm when exceeding limit.

The online particle monitoring system provides an automated means to monitor and gather airborne particle count and other parameters level in controlled environments. The system allows users to perform a variety of functions from PC including the alteration of alarms information and viewing of particle count concentrations.

►► **Features and Benefits :**

- Compact laser particle sensor with stainless enclosure
- Two size channels 0.5 & 5.0 micron sensitivity
- Flow Rate: 2.83L/min, or 28.3L/min
- Measures multi-parameters, particle, air velocity, temperature, humidity, differential pressure (optional)
- Multi-function, user-friendly monitoring software
- One PC system controls up to 128 sensors



Multi-point Purification Monitoring System



Aerospace City Purification Monitoring System



Land Rover Engine Production Line

►► **Specifications:**



OPC-3114 2.83LPM (0.1CFM) built-in pump	
Outside Dim:	149*118*56 mm ³ (Wide*Deep*High)
Weight:	0.8kg
Max. Consumption:	3.5W
Power Source:	DC24V
Size Channels:	0.5, 5μm
Flow Rate:	2.83L/min
Environmental:	Temperature: 10°C-40°C; Humidity:20%-90%RH; Atmosphere Pressure:86-106Kpa
Cycles:	Selectable(1s-24h)
Zero Court:	<=10min
Data Output:	RS485(modbus) or 4-20mA

OPC-3115 28.3LPM (1.0CFM) built-in pump	
Outside Dim:	275*450*175 mm ³ (Wide*Deep*High)
Weight:	4kg
Max. Consumption:	40W
Power Source:	DC24V
Size Channels:	0.5, 5μm
Flow Rate:	28.3L/min
Environmental:	Temperature: 10°C-40°C; Humidity:20%-90%RH; Atmosphere Pressure:86-106Kpa
Cycles:	Selectable(1s-24h)
Zero Court:	<=10min
Data Output:	RS485(modbus) or 4-20mA



OPC-3116 28.3LPM (1.0CFM)	
Outside Dim:	100*45*60mm ³ (Wide*Deep*High)
Power Source:	DC9V
Size Channels:	0.5, 5μm
Flow Rate:	28.3L/min
Environmental:	Temperature: 10°C-40°C; Humidity:20%-90%RH; Atmosphere Pressure:86-106Kpa
External Vacuum:	60Kpa
Zero Court:	<=10min
Data Output:	RS485(modbus) or 4-20mA

Regulatory compliances



Corporate Social Responsibility

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1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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