



Remote Online Optical Particle Counter with Display

 ISO 21501-4 Compliant
 Online Monitoring Software

 OEM/ODM Available
 Factory Calibration Report

Pharmaceutical

Semiconductor

Flat Panel Display

Lithium Battery

Fine Chemicals

Integrated Circuits

OPC-6510DS

Continuous
Online
Monitoring

Long
Lifespan

Touch
Screen

Audible & Visual
Alarms

Cleanroom
Grade
Detection



28.3LPM (1.0 CFM)

Features



Output particle number in 5 channels: 0.3 μ m, 0.5 μ m, 1.0 μ m, 5.0 μ m, 10 μ m



Built-in high power industrial grade linear laser, accurate identification



Built-in ultrasonic gas flow sensor, constant and stable flow sampling



ModBus RS485 and MQTT communication protocols available



Easy icon-driven touch screen operation



Calibration report complies with ISO 21501-4 standard

Key parameters

Working Principle	Light Scattering
Measurement Range	0~1,000,000 pcs/28.3L
Particle Channel Sizes	0.3 μ m, 0.5 μ m, 1.0 μ m, 5.0 μ m, 10 μ m
Count Efficiency	50%@0.3 μ m, 100%@ \geq 0.5 μ m Condition: 25 \pm 2 $^{\circ}$ C, 50 \pm 10%RH
Communication Protocol	Modbus, MQTT
Communication Interface	RS485, RJ45
Sampling Flow	28.3L/min (1.0 CFM)

* Refer to the specifications for product details.

* For more technical information, please contact info@gassensor.com.cn.

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All products are in continuous development and therefore specifications may be subject to change without prior notice.