



Remote Online Optical Particle Counter

 Continuous Online Monitoring  Cost Effective for Large-scale Use

Semiconductor

Integrated Circuits

Lithium Battery

Fine Chemicals

OPC-6303M



Long
Lifespan

Compact
Size

Calibration
Follows
ISO 21504-1

Constant
Flow
Sampling

High Power
Linear
Laser Diode

0.3 μ m 0.5 μ m 1.0 μ m 2.5 μ m 5.0 μ m 10 μ m

2.83LPM (0.1 CFM)

Features



Output particle number in 6 channels: 0.3 μ m, 0.5 μ m, 1.0 μ m, 2.5 μ m, 5.0 μ m, 10 μ m



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



Built-in pump and flow sensor for constant stable sampling



Modbus RS485, MQTT, 4-20mA output for online remote monitoring



24/7 online continuous monitoring



Compact size 216*124*87mm (Air inlet and terminal blocks not included)

Key parameters

Working Principle	Light Scattering
Measurement Range	0~10,000,000 pcs/L
Particle Channel Size	0.3 μ m, 0.5 μ m, 1.0 μ m, 2.5 μ m, 5.0 μ m, 10 μ m
Count Efficiency	<100pcs/L: \pm 30pcs/L >100pcs/L: \pm 30% of reading Condition: 0~40°C, 50+10%RH
Communication Protocol	Modbus, MQTT, 0~20mA
Communication Interface	RS485, RJ45, 0~20mA
Sampling Flow	2.83L/min (0.1 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.