



# 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 $\mu$ m 0.5 $\mu$ m 1.0 $\mu$ m 2.5 $\mu$ m 5.0 $\mu$ m 10 $\mu$ m

2.83LPM (0.1 CFM)

## Features



Output particle number in 6 channels: 0.3 $\mu$ m, 0.5 $\mu$ m, 1.0 $\mu$ m, 2.5 $\mu$ m, 5.0 $\mu$ m, 10 $\mu$ 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 $\mu$ m, 0.5 $\mu$ m, 1.0 $\mu$ m, 2.5 $\mu$ m, 5.0 $\mu$ m, 10 $\mu$ 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](mailto: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.