

The MET ONE 6000P 0.5 µm sensor remote airborne particle counter is the most reliable top performing, high sensitivity remote particle counter with a built-in pump

High performance

0.5 µm sensitivity counter designed for ISO 21501 compliance for data accuracy and reliability

Easy to integrate with any FMS system

Communication options of Ethernet only or Ethernet and Analog in dual communication mode (send data to two different locations at once)

Long Life Laser™ diode

Reduces the need for replacement parts and the overall cost of ownership



Faster trouble shooting and reduced downtime

Instrument can be diagnosed for flow, sensor, communication failures, and count alarm or count alert through built-in or external light stack

Built-in DP sensor controlled vacuum pump

Reduces initial installation cost and system infrastructure complexity. Install where ever you want without having to worry about access to an expensive vacuum system

Built-in flow sensor

Improves operational reliability during continuous monitoring

Port Sizes	0.64 cm (1/4-inch) ID inlet 0.96 cm (3/8-inch) ID outlet	
Flow Rate	1.0 CFM (28.3 LPM) ± 5%	
Sensitivity	0.5 µm at 1.0 CFM (28.3 LPM)	
Range	0.5 µm to 10.0 µm at 1.0 CFM (28.3 LPM)	
Channel Sizes	Standard 2-channel	0.5 and 5.0 µm
	Optional 4-channel	0.5, 1.0, 5.0 and 10.0 µm
Counting Efficiency	50% (± 20%) for 0.5 µm, (100% ± 10% at 1.5 times the minimum sensitivity). Fully complies with ISO 21501-4	

The MET ONE 6000P series remote airborne particle counter offers accurate and reliable continuous particle monitoring. With a sensitivity range of 0.5 to 10 µm, the MET ONE 6000P series is designed to meet the specific needs of cleanroom operations within the pharmaceutical, semiconductor, hard disk drive and flat panel display industries.

With an array of industry leading features and simplified installation options, the MET ONE 6000P is easy to integrate with any facility monitoring system. These features also reduce downtime for instrument removal and reinstallation during routine calibration and preventative maintenance cycles. Built with Long Life Laser™ technology, the MET ONE 6000P offers enhanced diagnostic features that reduce troubleshooting time and related downtime costs.