

Reliable. Confident. Environmental Monitoring.

Pharmaceuticals | Life Sciences

Global Good Manufacturing Practices

- Annex 1 (EU, PIC/S, WHO): Manufacture of Sterile Medicinal Products
- FDA Guidance for Industry Sterile Drug Products Produced by Aseptic Processing ISO 14644-1:2015, 14644-2:2015 & 21501-4:2018



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Airborne Particle Counters

Confident Results Matter

- Models for every pharmaceutical environment and application
- ALCOA+ data integrity principles for no-hassle 21 CFR Part 11 compliance
- Leading the way in real-time viable particle detection

- OPC UA Client/Server



Accelerate investigations with real-time data AeroTrak[®]+ Remote

Particle Counters* Ultra-Reliable Data Collection

- Protect against network failures with six months of data storage
- Worry-free cleaning with sealed inlets and VHP resistant options
- Flexible environmental monitoring system with Wi-Fi[®] communication

3 **Remotes with Pump**

AeroTrak[®] Handheld 4 **Particle Counters**

AeroTrak[®]+ Portable 5 Particle Counters*

- Different sample modes for monitoring, classifying, and root cause investigation
- Built-in monitoring and classification reports

6

2

Active Air Sampler for Aseptic Environments

- Intermittent sampling improves knowledge of conditions during a production run without interventions
- Protect against network failures with local data storage

Integrated Environmental Monitoring Probes

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Environmental Monitoring Products for Pharmaceutical Manufacturing & Life Sciences

Facility Monitoring System A reliable monitoring system that ensures environmental control and decreases downtime — Pharma 4.0 plug and play functionality via OPC UA Client/Server
Model Flow Rate Benefits and Features
Remote Particle Counters Designed for continuous monitorinig as part of the Facility Monitoring System
VHP resistant models available,
AeroTrak®+ 7510 1 CFM (28.3 LPM) Wi-Fi® capable with optional module
AeroTrak® 6510 1 CFM (28.3 LPM) Built-in pump, VHP resistant models available
Portable Particle Counters Versatile instruments suitable for classification and monitoring
AeroTrak®+ A100 Series 1 CFM (28.3 LPM), 1.77 CFM (50 LPM), and 3.53 CFM (100 LPM) models available (100 LPM) models available reporting capabilities
Handheld Particle Counters Economical choice for higher class cleanrooms and investigations
AeroTrak® 9306 0.1 CFM (2.83 LPM) Small and lightweight
Real-Time Viable Particle Counter A bioflourescent particle counter (BFPC) that provides total and viable particle counts in real-time
BioTrak® 9510-BD 1 CFM (28.3 LPM) Alternative method to for continuous viable air monitoring
Active Air Sampler Designed specifically for use in aseptic environments
AeroTrak®+ 7010 1 CFM (28.3 LPM) Meets ISO 14698 and EN 17141 requirements with a $d_{\rm 50}$ = 0.8 μm
Compliance Data Integrity Ease of Use
Profitability Risk Downtir
Cost Waste
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Knowledge Beyond Measure.
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