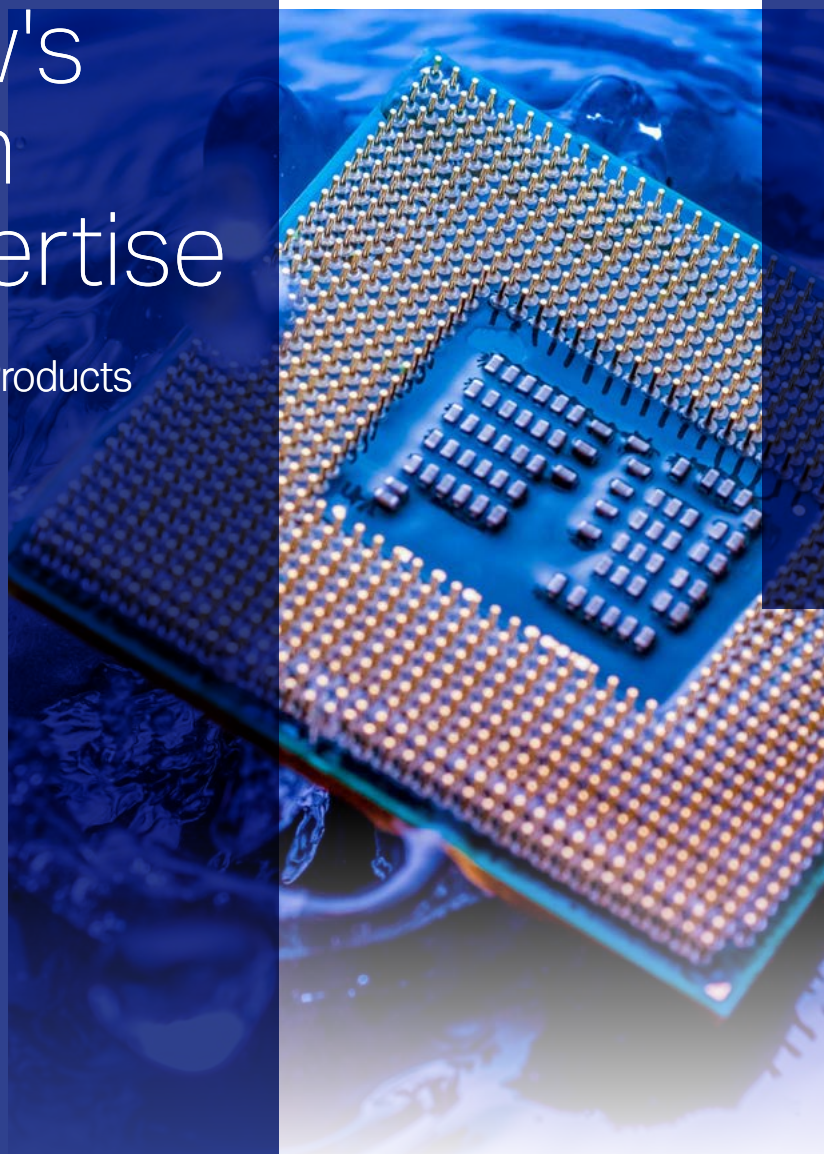
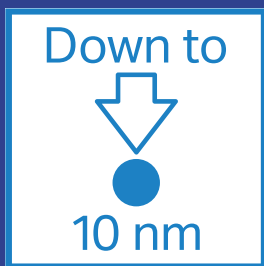




Meet Tomorrow's Challenges with Nanoscale Expertise

Particle and Environmental Monitoring Products for Electronics and Semiconductor



Environmental Monitoring Products for Electronics and Semiconductor

- Cleanroom monitoring
- Tool monitoring
- Gas monitoring

- Reliable 10 nm detection of particulate and dissolved contamination in UPW.
- Integrated injection port for onsite performance verification

- Protect against network failures with six months of data storage
- Flexible environmental monitoring system with Wi-Fi® communication

- Monitor up to 32 points with a single particle counter

- Measure particulate contamination in high-pressure compressed gas systems

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

- Using FMS

- Confident 24/7 operation
- Minimal maintenance
- High flow rates
- Ultra-low false count rates
- No contamination or chemicals introduced into the ultra-clean environment

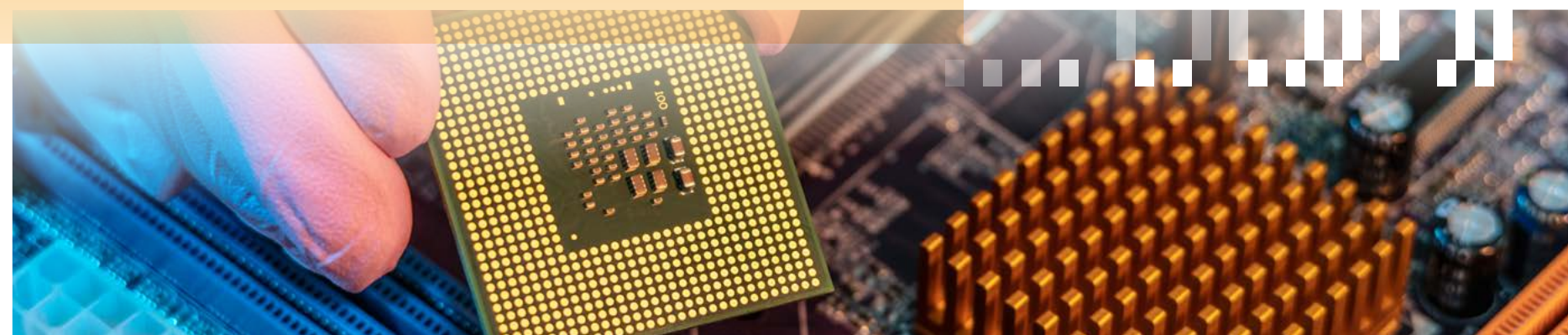
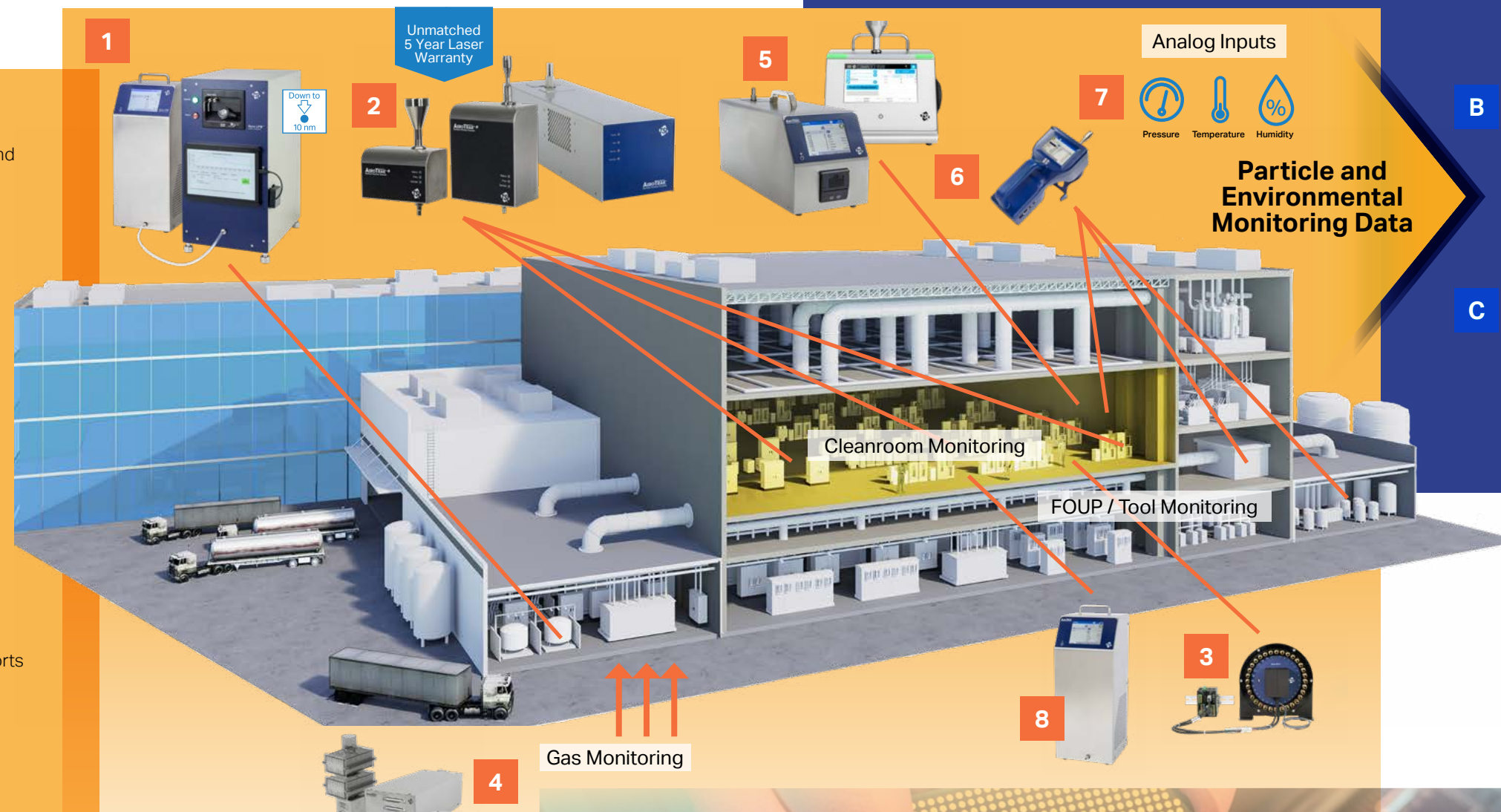
- No single point of failure
- Data available where and when you need it
- Easily scalable



- Fault-tolerant design
- Protects against network failures
- Hot-standby options

- Turn data into knowledge with alarming, reports, and trending
- Does not effect monitor or database functions
- Access anywhere with FMS Web Client

- Valuable data is safe and secure
- Redundancy is standard with a mirror database
- SQL for high availability and fast access



Meet Tomorrow's Challenges with Nanoscale Expertise

Particle and Environmental Monitoring Products for Electronics and Semiconductor

Facility Monitoring System

A reliable monitoring system that supports process control and decreases downtime.

Model	Minimum Particle Size	Benefits and Features
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Remote Particle Counters

Designed for continuous monitoring as part of the Facility Monitoring System with Analog and WiFi options

AeroTrak™+ 6000 series	0.2 µm	0.1 CFM (2.83 LPM) flow rate, includes onboard pump, compact size, many communications options
AeroTrak™+ 7000 series	0.2 µm	0.1 CFM (2.83 LPM) and 1 CFM (28.3 LPM) flow rate, compact size, many communications options
AeroTrak™+ 6310	0.3 µm	1 CFM (28.3 LPM) flow rate, internal pump, 0.3 to 5.0 channels available, field-removable sensor/pump
AeroTrak™ 7110	0.1 µm (100 nm)	1 CFM (28.3 LPM) flow rate, complies with all ISO 21501-4 requirements

Portable Particle Counters

Versatile instruments suitable for classification and monitoring

AeroTrak™+ A100 Series	0.3 µm	1 CFM (28.3 LPM), 1.77 CFM (50 LPM), and 3.53 CFM (100 LPM) flow rate models available, intuitive interface, simplifies sampling with workflows, built-in classification and monitoring reporting capabilities, gas and filter testing
AeroTrak™ 9110	0.1 µm (100 nm)	1 CFM (28.3 LPM) flow rate, includes display and onboard pump, provides classification testing, complies with all ISO 21501-4 requirements

Handheld Particle Counters

Economical choice for higher class cleanrooms and investigations

AeroTrak™ 9303	0.3 µm	0.1 CFM (2.83 LPM) flow rate, 3 channels of simultaneous data, small, lightweight, versatile, low cost
AeroTrak™ 9306	0.3 µm	0.1 CFM (2.83 LPM) flow rate, 6 channels of simultaneous data, versatile

Cleanroom Condensation Particle Counter

The only water-based, laminar flow CPC on the market that can run continuously, 24/7, or as a standalone unit

AeroTrak Cleanroom CPC 9001	0.01 µm (10 nm)	0.1 CFM (2.83 LPM) flow rate, ultralow zero counts for cleanroom processes
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Nanoparticle Monitoring in Ultrapure Water (10 nm)

Empowers data-driven decisions in UPW monitoring...like never before.

Nano LPM™ System	0.01 µm (10 nm)	Detects solid and dissolved contamination >10 nm using nebulization and a specialized cleanroom condensation particle counter.
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Knowledge Beyond Measure.

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