



Real-Time Particle Deposition Monitoring

The **Advanced Particle deposition MONitor** (APMON) measures the rate of particle deposition on critical work surfaces in a cleanroom or controlled environment. An optical system images particles that deposit on six inclined glass plates, enabling counting and sizing of the particles.

- **Optical particle counters sample extremely small percentages of large particles and fibers**
- **Until now, there has been no correlation between air quality and surface cleanliness**
- **Cleanroom air handling systems do not effectively remove particles $\geq 10\mu\text{m}$**

Why choose the APMON?

- **24/7 Automated Monitoring**
- **Measure Particle Deposition Rate (PDR) in Real-Time with Real-Time Alarming Capability**
- **User friendly software**
- **Ideal for conducting contamination risk-assessment surveys**



The APMON Monitors...

- **What aerosol particle counters cannot monitor**
- **Particles $\geq 15\mu\text{m}$**
- **The effectiveness of your housekeeping program**
- **The effectiveness of your personnel gowning program**
- **Product contamination risk due to settling particles**
- **Data, to find root causes of particle deposition**
- **Above all, the APMON creates personnel awareness of the contamination impact from their regular activities**

The APMON Reports...

- **Number of particles between 15 – 1,000 μm**
- **Differential and cumulative particle size distribution**
- **Percent Area Coverage & PDR (both per ISO 14644-9)**



Webbased Software



Auto Report



Large Surface Area



Wireless



Self Calibrating



Battery > 2 weeks

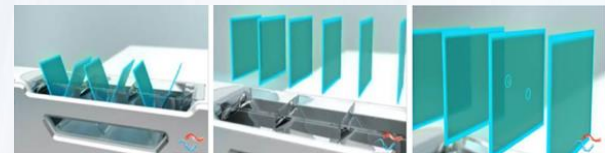


Real-time & 24/7

APMON

Advanced Particle Deposition Monitoring

	APMON 100	APMON 200	APMON PRO
Specifications			
Maximum number of sensors	1	2	6
Included number of sensors	1	1	1
Sample time	5 min	5 min	5 min
Wireless	-	•	•
Ethernet	•	•	•
Bluetooth	-	•	•
Battery	-	•	•
Battery charging unit	-	•	•
Processor	Mini-PC i5	Mini-PC i5	Industrial PC i5
Remote access	•	•	•
Export to Microsoft Excel	•	•	•
Witness cartridge	Included	Included	Included
Sensor dimensions	390x80x150mm	390x80x150mm	390x80x150mm
Options			
Licensed software	Fixed/month	Included	Included
Travel case	Optional	Included	Included
LCD screen, mouse and keyboard	Optional	Optional	Optional
Licensed software	One off	Included	Included
Extra sensor	-	Optional	Optional
Extra witness cartridge	Optional	Optional	Optional
Witness cartridge exchange program refurbished (per 4 pieces)	•	•	•



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