

The state-of-the-art portable **ApexZ** elevates your environmental monitoring programs with a comprehensive set of integrated features.

Its integrated self-diagnostics system ensures accurate, reliable performance along with a flexible data management system that streamlines analysis and reporting.

Weighing in as the lightest and smallest portable air particle counter on the market, **ApexZ** enhances mobility and multi-location recording; and its cutting-edge technology serves as a timeless solution for contamination control strategies.

Features

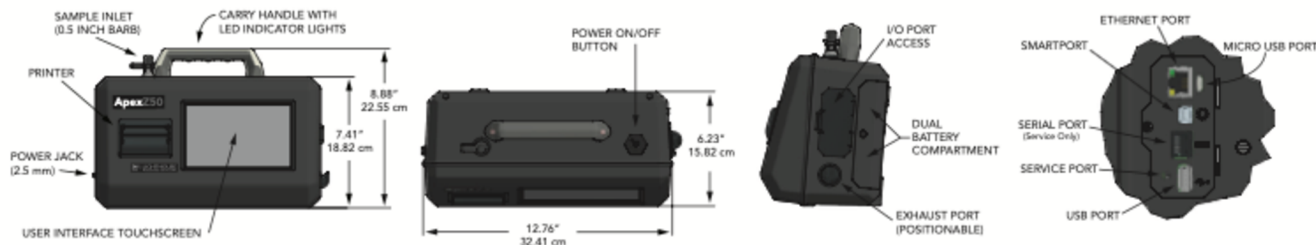
- 0.3-10.0µm or 0.5-25.0µm Particle Size Channels
- 1.0 CFM or 100 LPM Available Flow Rates
- 2 Year Warranty
- 21 CFR Part 11 Compliant
- Advanced Self-Diagnostics
- Bi-Directional Integration into LIMS EM System
- Built-In Cleanroom Certification Reports
- Hot-Swappable Smart Batteries
- Sealed Chemically Compatible Enclosure
- VHP Compatible Sensor and Housing



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 WORLDWIDE SOLUTIONS

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	ApexZ3	ApexZ50
Minimum Size Detection	0.3µm	0.5µm
Standard 6 Channel Sizes	0.3µm 0.5µm 1.0µm 3.0µm 5.0µm 10.0µm	0.5µm 0.7µm 1.0µm 3.0µm 5.0µm 10.0µm 25.0µm
Flow Rate	1.0 CFM (28.3 LPM)	100 LPM (3.5 CFM)
Sample Inlet	3/8 inch Inlet Barb	1/2 inch Inlet Barb
Concentration Limits	1,000,000 Particles/ft ³ @10% (35,300,000/m ³) Coincidence loss suitable for ISO classes 1-8 cleanrooms	300,000 Particles/ft ³ @10% (10,590,000/m ³) Coincidence loss suitable for ISO classes 1-8 cleanrooms
Alerts	User-configurable warnings and alarms	
Battery	2x Li-Ion battery slot capacity, removable/rechargeable, up to 11 hours nominal use, 50% duty cycle	
Calibration	ISO 21501-4 Compliant and Accredited ISO 17025	
Carry Handle	With RGB light pipe for status and alarms	
Communication	Ethernet USB standard Wi-Fi (802.11 b/g/n)	
Count Modes	Sample Concentration Beep Custom Recipes and Certification modes	
Data Storage Records	10,000 Records 2500 Locations 250 Groups 500 Presets 500 Sample Plans 500 Certifications 100 Reports 1000 Users	
Dimensions	Imperial: 12.76" (l) x 6.23" (w) x 8.88" (h) Metric: 32.41(l) x 15.82(w) x 22.55(h) cm	
Enclosure	Chemically resistant polycarbonate blend, conductive lining, VHP compatible	
Environmental Sensors	Temperature/Relative Humidity probe: 0 to 150°F (-17.8 to 65.6°C) ±1.8°F (0.5°C), 0-100% ± 2% RH	
Languages	English Spanish Portuguese German French Italian Russian Chinese Korean Japanese Turkish Thai	
Light Source	Extreme Life Laser Diode	
Power	External power supply: 24 VDC, 5 A max draw	
Printer	Embedded thermal printer, also available without printer; print wirelessly via a network printer	
Reports	FED 209E ISO 14644-1:1999 ISO 14644-1:2015 EU GMP 2022 regulatory pass/fail reports on screen or printer	
Sample Output	Internally filtered to HEPA standards (>99.97% @0.3µm); w/ rotating exhaust fitting for directed flow	
Self-Diagnostics	Laser Power/Current/Supply Flow Out-of-Range No flow PA Background/Supply/Health	
Speakers	2x adjustable up to 70 dB to indicate status and alerts	
Supporting Software	LMS Express LMS Express RT LMS Pharma LMS Professional LMS XChange	
Temperature/Humidity	50°F to 104°F (10°C to 40°C), 20% to 95% relative humidity, non-condensing	
Touch Screen Display	7.0 inch (8.89 cm), 1200 x 800 IPS color touch screen	
Vacuum Source	Internal blower, automatic flow control	
Weight	7.05 lbs (3.19 kg) without batteries, battery weight 1.35 lbs (0.61 kg)	
Zero Count Level	< 1 Count / 5 minutes (meets specifications of JIS B 9921 and reporting requirements of ISO 21501-4 Annex C)	

Includes: USB flash drive with lanyard, ISO probe 1 CFM (ApexZ3); 100 LPM (ApexZ50), ISP clamp, zero count filter, 24 VDC 5.0 amp power adapter and power cord, 10 feet of Beveline tubing 13/8" ID x 1/2" OD (ApexZ3); 1/2" ID x 5/8" OD BevXX (ApexZ50), 1 li-ion smart battery included (2 battery slot capacity), 2x rolls of printer paper, Operators Manual on USB flash drive, Calibration Certificate

Optional: USB Barcode Scanner, Temperature & humidity probe, 1 CFM isokinetic sample probe, USB Wi-Fi Dongle, high-pressure diffuser (ported or vented), li-ion batteries, Beveline tubing, external battery charger w/AC power cord, printed operators manual, carry case.

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we prove clean air



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