

KANOMAX MODEL 3905 | 3910 | 3920



Compliant with ISO 21501-4



Flow rates: Model 3905 – 28.3 l/min | Model 3910 – 50 l/min | Model 3920 – 100 l/min

Portable Particle Counter Kanomax Model 3905 | 3910 | 3920

// One of smallest in the industry

Since it is only 5.5 kg, it can be easily carried anywhere. Small size, you can measure anywhere you choose.

// Easy operation with touch panel

A large 6.4-inch touch panel LCD makes it easy to check and operate.

// Extensive option connection

By using the Climomaster anemometer probe(6531-2G), you can simultaneously measure the air velocity, temperature, and humidity of clean air.

Applications

- // Contamination control for cleanrooms
- // Critical environment monitoring
- // HEPA filter performance testing

Feature & Benefits

- // 28.3 l/min, 50 l/min or 100 l/min flow rate speeds the sampling process
- // Simultaneously measures and displays up to 6 particle sizes (from 0.3 to 10 microns for model 3905 & 3910) and (from 0.5 to 10 microns for 3920)
- // Fully compliant with ISO 21501-4 calibration standard
- // Enables you to certify cleanroom up to ISO Class 2
- // 21 CFR Part 11 compliant with IQ/OQ documentation available
- // Multi-standard mode simplifies cleanroom certifications based on ISO 14644-1, GB/T16292-2010, FEDERAL STANDARD, BRITISH STANDARD, EU GMP
- // Build-in printer and onboard datalogging (up to 10,000 records)
- // Differential pressure sensor available as an option
- // Extended 2 year warranty



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Specification

Model	3905	3910	3920
Light Source	Laser diode		
Particle Channel Size	0.3, 0.5, 1.0, 3.0, 5.0, 10.0 µm	0.3, 0.5, 1.0, 3.0, 5.0, 10.0 µm	0.5, 0.7, 1.0, 3.0, 5.0, 10.0 µm
Flow Rate	28.3 LPM (1.0 CFM)	50 LPM (1.077 CFM)	100 LPM (3.53 CFM)
Concentration Limit (at 10% coincidence loss)	500,000 particles/ft ³	500,000 particles/ft ³	300,000 particles/ft ³
Sampling Time	6 sec ~ 23 hours 59 min 59 sec (configurable)		
Interval Time	6 sec ~ 23 hours 59 min 59 sec (configurable)		
Zero Count Level	Less than 1 count per 5 minutes		
Printer	Built-in thermal printer		
Display	6.4 inch, color touch screen		
Enclosure	Stainless Steel		
Interface	Ethernet, USB		
Data Storage	Up to 10,000 sample records		
Security	Password authentication and management, secure data, and audit trails (meets 21 CFR Part 11 compliance)		
Reports	ISO14644-1, GB/T16292-2010, FEDERAL STANDARD, BRITISH STANDARD, EU GMP		
Standards	ISO 21501-4, JIS B9921, CE		
Power Supply	Li-ion battery or AC adapter (100 to 240 V)		
Battery	Removable/rechargeable Li-ion batteries (2 battery Slots)		
Operating Range	50 to 104 °F (10 to 40 °C), 20 to 85% RH with no visible condensation		
Storage Range	14 to 122 °F (-10 to 50 °C), up to 98% RH with no visible condensation		
Dimensions (H x W x D) without handle	200 x 205 x 200 mm	200 x 205 x 200 mm	350 x 210 x 210 mm
Weight (without battery)	4.5 kg	4.5 kg	5 kg
Warranty	2 years		
Including Accessories	Quick-start guide, operation manual, zero filter, Li-ion battery (1 pcs), AC adapter, sampling tubing, USB memory, isokinetic probe, data processing software, printer paper (2 pcs), NIST Certificate		
Optional Accessories	Carrying case, Li-ion battery, Climomaster™ probe 6531-2G (air velocity, temperature, relative humidity), differential pressure sensor, alarm output cable, IQ/OQ validation document		

