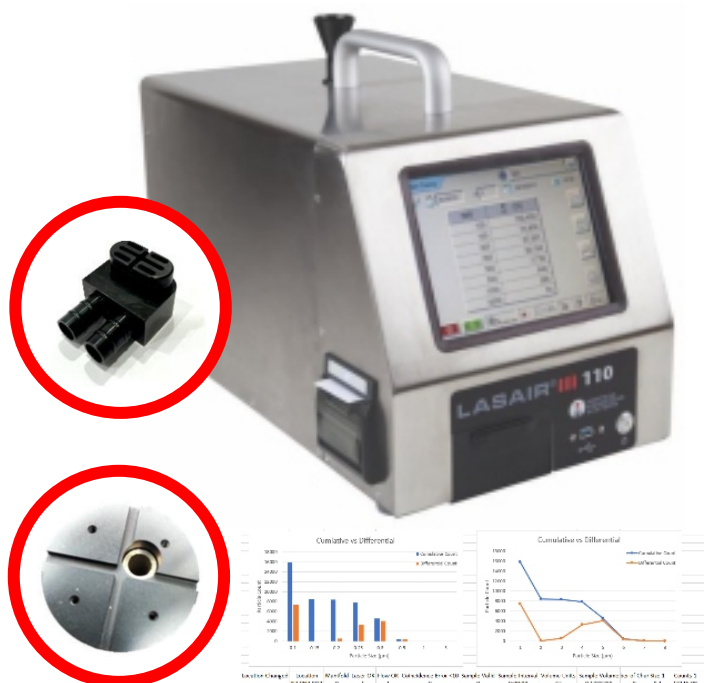


LASAIR® III 110 WITH SURFACE SCANNING PROBE

Aerosol Particle Counter integrate with surface scanning probe



BENEFITS

Reduce Defects

- Real-time measurement of yield-impacting particles
- Use as mobile counter to localize source of particles
- Patented smart flow technology eliminates traditional undercounting errors in manifold sampling
- Full range of accessories for monitoring in different applications
- Actual detection of 0.1 μm particles
- Variety SI unit for volume and surface measurement

Cost-Effective

- Use same particle counter for ISO Class 1 – 9 applications
- Eliminates need for frequent, costly laser cleaning
- Easy to clean/wipe down; designed to minimize particle traps
- Rugged, chemical-resistant, stainless-steel casing
- Long-lasting cooled diode with 3-year laser warranty
- All-in-one instrument

The Lasair® III 110 is a laser diode-based true 0.1 μm particle counter with 1.0 CFM flow rate.

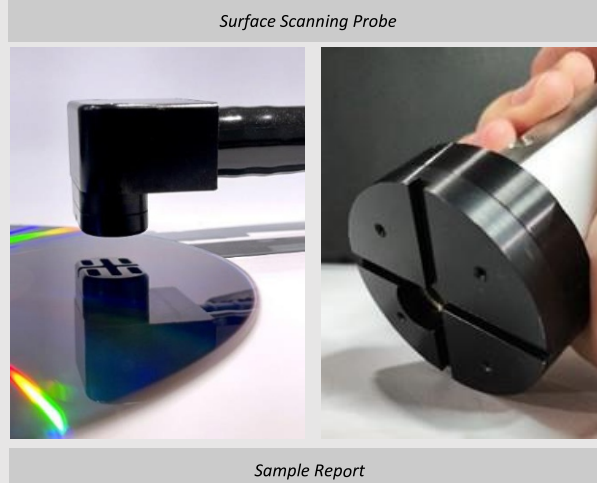
With a comprehensive set of features and unequalled accuracy, the Lasair III 110 offers reduced operating costs and the reliability and longevity to support its three-year laser warranty.

FEATURES

- Diode laser
- 8 user-adjustable sizing channels from 0.1 – 0.5 μm
- Saves up to 10,000 samples for review, sorting, data filtering, and printing
- USB data download to flash memory key
- Built-in thermal printer
- Large, 8.4" color touchscreen displays for simplified use
- Quiet carbon-free blower/ pump for portable applications
- Integrates with surface scanning probe **NEW!**
- Optional high-efficiency exhaust filter for ISO Class 1-2

Reporting

- Comes with Microsoft Excel Macro file for data conversion to particles/inch² or particle/cm²



Sample Report		Surface Scanning Probe			
Inch ²	Sample Date	27/4/2023	S/N	117740	Laser OK 1
	Sample Time	10:01:46	Location	N2 PN2 PO2	Flow OK 1
	Sensor Name	Lasair III	Sample Interval	0:00:06	
	Sensor Type	LasairIII-110	No of Channels	8	
cm ²	count/cm ²				
	Particle Size(μm)	Differential Count	Cumulative Count		
	0.1	7424.88	15866.74		
	0.15	77.87	8441.86		
	0.2	508.3	8363.99		
	0.25	3296.38	7855.69		
	0.3	4101.15	4559.31		
	0.5	406.3	458.16		
	1	50.53	51.86		
	5	1.33	1.33		

Options available

- 2" Surface Scanning probe * SSP-2
- ½" Surface Scanning probe * SSP0.5

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