

Lighthouse Worldwide Solutions

Most sensitive particle counter - SOLAIR 1100+ Now offers Internal thermal printer

Continuing to advance the science of airborne particle counting, Lighthouse Worldwide Solutions has improved its most sensitive particle counter by adding a built in thermal printer. Now data can be view on the unit, logged into a Facility Monitoring System Software program such as LMS RT or printed directly from the unit on cleanroom safe thermal paper.

The Lighthouse SOLAIR 1100 line of laser particle counters offers the newest and most advanced patented laser design in a portable unit. With a sensitivity of 0.10 micron and a flow rate of 1.0 CFM (28.3 LPM), the SOLAIR 1100 line features the long life Enhanced Active Cavity Laser technology that provides higher power, purged optics, a better signal to noise ratio, and requires less maintenance than conventional laser-based particle counters.

Utilizing a large, color 5.7" (14.47 cm) touch screen interface, the SOLAIR 1100+ is simple to configure and operate. The SOLAIR 1100+ can store a large amount of particle count data from 8 channels and data from up to 4 environmental sensors. All data can be quickly and reliably downloaded to a computer or printed to its built-in thermal printer.

Demonstrating its versatility, the SOLAIR can be used as a portable instrument or integrated with a larger facility monitoring/management system. Designed and built by Lighthouse, a name you can trust.

Features	Benefits	Applications
<ul style="list-style-type: none">• 0.10 µm Sensitivity• 1.0 CFM (28.3 LPM) Flow Rate• View 8 Particle Sizes Simultaneously• Meets JIS Standards• Long Life, Hard Sealed HeNe 633 nm Laser• Up to 4 Environmental Sensors• 5.7" (14.47 cm) Color Touch Screen Interface• Built-in Thermal Printer• Large Memory for Storing Data-3,000 Data Points• Data Reported in Normalized Counts, FS-209E, ISO-14644-1, BS-5295 or EC GMP• Internal Audible Alarm• Stainless Steel Enclosure• Small Footprint• Data Easily Downloaded - Computer	<ul style="list-style-type: none">• 2 Year Warranty• User Friendly Interface• Easy to Read Display• International Support and Service• Low Cost of Ownership• Can Easily Interface to 32 Port Universal Manifold	<ul style="list-style-type: none">• Cleanroom Monitoring• Facility Certification• Facility Monitoring• Monitor SMIF & FIMS Enclosures• Filter Testing• Cleanroom Laundries• Cleanroom Packaging• Aerospace• Pharmaceutical• Hard Disk Drive Manufacturing