



## CleanAir Solutions, Inc.

The Cleanroom Specialists



New Easy Loading Thermal Printer



User Removable Rechargeable Li-Ion Battery



Zoom Capability



Alpha Numeric Location Labels



User Friendly Configuration



Multiple Cleanroom Standard Reports via Printer

### **Solair 3100+ Battery Operated Portable Particle Counter 0.3µm @ 1.0 cfm 6 channel color**

Dependable and reliable, the **SOLAIR 3100+** line of laser particle counters uses the latest in optical particle counting technology.

The **SOLAIR 3100+** line of portable counters offers a sensitivity of 0.3 micron and a flow rate of 1.0 CFM (28.3 LPM) with a wide dynamic range up to 25.0 microns.

Utilizing a large, color 5.7" (14.47 cm) touch screen interface, the **SOLAIR 3100+** is easy to configure and operate. The **SOLAIR 3100+** can store a large amount of particle count data from 6 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 3100+** can be used as a portable instrument or integrated with a larger facility monitoring/management system.

#### **Solair 3100+ Datasheets**

Letter Size - Lo Res: 504 KB  
Letter Size - Hi Res: 1,165 KB

A4 Size - Lo Res: 490 KB  
A4 Size - Hi Res: 1,142 KB



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Features	Benefits	Applications
<ul style="list-style-type: none"><li>• 0.3 - 0.5 <math>\mu\text{m}</math> Sensitivity</li><li>• 1.0 CFM (28.3 LPM) Flow Rate</li><li>• View up to 6 Particle Sizes Simultaneously</li><li>• Wide Dynamic Range, 0.3 to 25.0 <math>\mu\text{m}</math></li><li>• Meets JIS Standards</li><li>• 5.7" (14.47 cm) Color Touch Screen Interface</li><li>• Removable/Rechargeable Li-Ion Battery</li><li>• Large Memory for Storing Data (3,000 samples)</li><li>• Up to 4 Environmental Sensors (4-20 mA)</li><li>• Alphanumeric Location Labels</li><li>• Easy to Load Thermal Printer</li><li>• User Definable Printouts</li><li>• Data Reported in Normalized Counts, FS-209E, ISO-14644-1, BS-5295 or EC GMP</li><li>• Easily Configurable Interface with Zoom Capability</li><li>• Internal Audible Alarm</li><li>• External Alarm Trigger</li><li>• Data Easily Downloaded to Computer</li></ul>	<ul style="list-style-type: none"><li>• 2 Year Warranty</li><li>• User Friendly Interface</li><li>• Easy-to-Read Display</li><li>• International Sales and Service Support</li><li>• Low Cost of Ownership</li><li>• Easily Interface to 32 Port Universal Manifold</li></ul>	<ul style="list-style-type: none"><li>• Cleanroom Monitoring</li><li>• Facility Certification</li><li>• Facility Monitoring</li><li>• Filter Testing</li><li>• Cleanroom Laundries</li><li>• Cleanroom Packaging</li><li>• Aerospace</li><li>• Hospital Surgical Rooms</li><li>• Pharmaceutical</li><li>• Medical Device Assembly</li><li>• Hard Disk Drive Manufacturing</li><li>• Food Processing Area</li><li>• Paint Spray Booths</li></ul>