

Lighthouse Worldwide Solutions

MiniManifold™ allows a single particle counter to monitor up to six locations

Using patent pending technology, Lighthouse Worldwide Solutions has created the smallest sequencing particle counting manifold system in the industry. When connected to the Lighthouse REMOTE 2014P/3014P/5014P particle counter, the MiniManifold™ is the best-in-class solution for tool monitoring and qualification, minienvironment monitoring, and even portable, cart-based monitoring systems.

The MiniManifold™ allows a single particle counter to monitor up to 6 locations in a minienvironment or process tool at 0.1 CFM. The MiniManifold™ consists of a manifold sequencing system with a built-in controller and a miniblower for purge flow. The controller communicates with the particle counter and can interface to a computer system or process tool via RS-485/MODBUS communications protocol.

The blower is external to the sequencing system and can be remotely installed away from the manifold. Users can define programming sequences for the MiniManifold™, as well as purge, sample and hold times. The MiniManifold™ has a built-in buffer to store data records. Designed and built by Lighthouse Worldwide Solutions, a name you can trust.

Features	Benefits	Applications
<ul style="list-style-type: none">• Multiplexed Monitoring of up to 6 Locations• User Programmable Sampling• Interfaces with other existing Building Automation and Factory Management Systems• Stainless Steel Construction• Continuous Purge Including Sample Line• Includes Manifold Blower• Provides Manifold Capability to the Remote "P" Series Counters• RS-485/MODBUS	<ul style="list-style-type: none">• 2 Year Warranty• Cost Effective Price per Point• Monitors Large Areas• Easy System Integration• International Sales and Service Support• Low Cost of Ownership• Can Be Used as a Portable Monitoring System• Great Troubleshooting Tool for Contamination Control Engineers	<ul style="list-style-type: none">• Tool Qualification• Minienvironment Monitoring• Facility and Cleanroom Monitoring• Monitor SMIF and FIMS Enclosures• Verify Cleanroom Performance• Trend Analysis• Cleanroom Laundries• Cleanroom Packaging• Semiconductor• Aerospace• Hard Disk Drive Manufacturing• Pharmaceutical Packaging and Manufacturing