

# ScanAir

Smart Upstream Sampling  
and Downstream Filter Scanning



**LIGHTHOUSE**  
WORLDWIDE SOLUTIONS



# ScanAirPro

## Smart Upstream Sampling and Downstream Filter Scanning System

**T**HE new Lighthouse ScanAir Pro System is a particle counter based HEPA/ULPA filter scanning system. It is the only easy and lightweight method for testing PTFE HEPA filters. Use it to scan filter media for leaks. Incorporating an ergonomic lightweight scanning probe with touchscreen user interface, the ScanAir Pro System also includes a SOLAIR portable particle counter and a dual-port dilutor that can be remotely switched between measurements from the touch screen handle. The ScanAir Pro System allows you to take an upstream and downstream measurement that displays real time percent leak information on the integrated touch screen display.



*Quick Connections*



*Remote Start/Stop*



*Programmable Mode*



*Adjustable Probe Head*

### Features

- Ergonomic and Lightweight
- Touchscreen User Interface
- Upstream and Downstream Mode of Measurement
- Automatic Calculation of Alarm Threshold
- Scans & Sizes Leakers
- Display Percentage Leak During Downstream Mode
- Display Upstream or Downstream Measurements

### Benefits

- Only Option for Testing PTFE Media Filters
- Ability to Challenge Test Filters With a Much Lower Concentration Than with a Photometer
- Virtually No Coalesce of Aerosol
- Use PSL Instead of PAO for Filter Challenge Testing
- Multi Function System Allowing Instruments to be Utilized for Other Applications
- Cost-effective Method for Testing

### Applications

- Testing HEPA Filters and PTFE Media Filters
- Scan Filter Media for Leaks
- Cleanroom Classification
- Provide a Measurement of Filter Efficiency
- Testing Pressurized Gas

### Operating:

50°F to 104°F (10°C to 40°C) / 20% to 95% non-condensing

### Storage:

14°F to 122°F (-10°C to 50°C) / Up to 98% non-condensing

# ScanAirFilterProbe

Scans Filters for Leaks and Efficiency



OUR Lighthouse Scan Air Pro along with our SOLAIR portable particle counter can be used as a portable contamination detection system throughout the cleanroom environment.

The Scan Air Filter Pro includes a remote start/stop button and 3 meter (10-foot) cable. The remote switch features hands-free operation of the particle counter enabling the user to efficiently sample in compliance with ISO 14644-1.

The on-board alarm buzzer and LED quickly notify the user if a count exceeds the alarm threshold, even when the Scan Air Pro is being used in a high noise environment.



Quick Connections



Remote Start/Stop



Programmable Mode



Adjustable Probe Head

## Features

- Adjustable Scan Head
- 1.0 CFM (28.3 LPM) Flow Rate
- Remote Start/Stop Button
- Remote Power and Alarm LEDs
- Remote Audible and Visual Alarm
- Lightweight 7oz. Design
- Standard 3 Meter (10 foot) Cable  
*(Optional 3 Meter Extension Cable Available)*
- Easily Integrates with SOLAIR Airborne Particle Counters *(REV E and Newer)*
- Facilitates ISO 14644-1 Compliance Testing
- Includes Headphone Jack With Adjustable Volume
- Ideal for Using from Ladders, Scissor Lifts or in Hard-to-Reach Places

## Benefits

- 2 Year Warranty
- Small Footprint
- International Support
- Low Cost of Ownership

## Applications

- Filter Efficiency Testing
- Filter Leak Testing
- Cleanroom Monitoring
- Facility Certification

### Operating:

50°F to 104°F (10°C to 40°C) / 20% to 95% non-condensing

### Storage:

14°F to 122°F (-10°C to 50°C) / Up to 98% non-condensing

# ScanAir

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and Downstream Filter Scanning

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MADE IN USA

