HandiLaz® Mini II

Handheld Airborne Particle Counter

Complete Troubleshooting Solution

0.2 µm to 10 µm sensitivity

Lightweight

Easy to use

Without measurement there is no control

The HandiLaz® Mini II particle counter is ergonomically designed to fit in the palm of your hand. Rugged and dependable, the Mini II provides tremendous value for cost-conscious users who want a reliable, easy-to-use, handheld particle counter.

This product is ideal for users who are in need of convenient cleanroom monitoring after initial construction, operations monitoring and as a diagnostic tool to troubleshoot sources of particle generation without the hassle of heavy equipment and support overhead.

Complete Accessory Kit Included

PARTICLE MEASURING SYSTEMS®
a spectris company

BENEFITS

Cost Effective

- Low-cost alternative for spot monitoring and troubleshooting
- Versatile for many applications
- Rechargeable battery with minimal downtime

Convenient, Easy-to-Use

- Particle measurements in seconds
- Simple, intuitive user interface
- USB and SD storage of data

Compact and Portable

- 3.2 in (81 mm) wide
- Weighs only 1.8 lb (0.83 kg)
- User-replaceable Li-Ion rechargeable battery for 5-hour continuous counting

FEATURES

- 200 nm to 10 µm size range, suitable for Semiconductor, Advanced Processing and Pharmaceutical applications
- Internal pulse height analyzer allows for unlimited selection of channel sizes
- 10 nm resolution
- Integration of temperature and differential pressure into particle measurement
- Calibrated to ISO 21501-4 Standard
- Simple touchscreen and single button operation
- Advanced on-screen analysis

APPLICATIONS

- Conducting ISO 3 to 9 certification of cleanrooms
- Detecting local particle sources
- Cleanroom filter/air handling system performance inspection
- Determining points of interest to monitor continuously via Airnet® II 4-channel Facility Management System
- Inspecting potential areas where sensitive instrumentation and equipment will be installed

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Handheld Airborne Particle Counter

Specifications

Size Range	0.2 µm (50%) to 10 µm (continuous)
Size Channels	Fully user-selectable size channels. Capture size information for each and every single particle.
Flow Rate	0.1 CFM (2.83 LPM), with internal flow meter (1% FS) and active flow control
Pressure	115 kPa max, 1 Pa noise-free resolution
Laser Source	High power, > 10,000 hour laser diode with active control. Temperature compensated and stabilized.
Battery	User-replaceable Li-Ion, 5 hour continuous counting, 10 hour intermittent counting
Data Storage	External SD card and external memory
Connection	USB, SD card
Display	3.5 inch Color LCD
Dimensions (H x W x L)	3.2 x 5.4 x 1.7 in (8.2 x 13.7 x 4.2 cm)
Weight	1.8 lb (0.83 kg)
Supported Standards	ISO 21501-4 (instrument), US FED STD 209E and ISO 14644-1:2015 (cleanroom classification)
TRH Sensor	Temperature: 0 - 50 °C ± 0.1 °C, internal sensor for flow and 0 - 50 °C ± 0.5 °C, external sensor for ambient Humidity: 5 – 95% ± 2% external sensor
Environment	15 - 35 °C (ambient temperature)

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Instrument Service & Support
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Customer Response Center
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