

# 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.

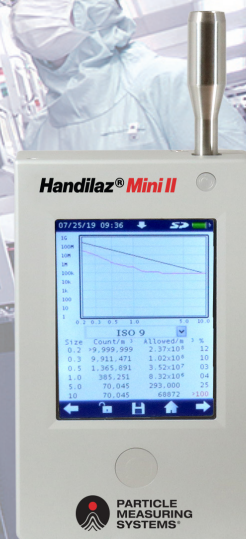
This product is ideal for users who are in need of convenient cleanroom monitoring after initial construction, operations monitoring and as a diagnostic tool to troubleshoot sources of particle generation without the hassle of heavy equipment and support overhead.

*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
- Point-of-use measurements in cleanrooms
- Detecting local particle sources
- Filter testing and leak detection
- Portable particle counting
- 0.2 micron sensitivity allows for effective particle detection for semiconductor equipment and component manufacturers

# HandiLaz<sup>®</sup> Mini II

Handheld Airborne Particle Counter

Specifications

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

## HEADQUARTERS

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Instrument Service & Support  
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