



Environmental Devices Corporation

"Our Instruments Detect What's In The Air You Breathe"

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HD-1004 Personal Aerosol Monitor

HD-1004 Real-Time Personal Particulate Monitor is the only direct reading instrument designed for true breathing zone measurements and comprehensive graphical reporting. The miniature & size selective optical sensor mounts within the OSHA defined breathing zone. The attached 37mm filter cassette allows for concurrent gravimetric and analytical sampling of lung damaging particulates. Calibrated to use for United States OSHA/NIOSH Occupational Health Reference Methods.

[Learn More](#)

Don't Hold Your Breath

Find exactly what you need to monitor air quality, no matter what the application.

To get a quote for your next project

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Documents:
Brochure
Inlet Video

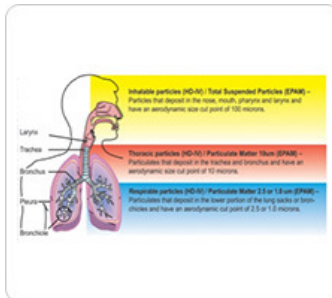
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Applications



■ Occupational air monitoring
[Learn More](#)
OSHA Compliance

Features



■ Direct Reading
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37mm Filter Sampler

Specifications

- Belt mounted enclosure
- Inline 37mm Filter Cassette
- Sensing range: 0.01-200 mg/m³
- PM size range: 0.1 to 100 µm
- Sampling flow rate: 2.0 LPM
- Alarm output: 80 db
- Digital output: RS-232-
- Record Time: 1 s - 21 weeks
- [Learn More](#)
- Display: Real-Time mg/m³

- Welding fume exposure
- Air quality studies
- Safety audits

- Sensor mounts in breathing zone
- Respirable, Thoracic, & Inhalable inlets
- Optional Wireless Data Transmission

Operating temp: -10°C to -50°C
Battery: Rechargeable 8hr
Weight: 1.5 lbs
Dimensions: 5.4 x 3.3 x 2.7 in

Contact Information

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