

# How HEALTHY and "GREEN" is the Air in YOUR BUILDING...?



... Find Out with

**NEW**

## HAZ-SCANNER™ Air Quality Monitor

Haz-Scanner™ Model GB-2000 is a portable Indoor Air Quality monitor designed to measure critical air parameters for LEEDS Green Building certification, OSHA Respiratory Health, EPA IEQ monitoring in toxic schools and Industrial hygiene Compliance.

Haz-Scanner™ provides direct readings in real-time with data logging capabilities. Haz-Scanner™ can be configured to provide up to 14 simultaneous critical air measurements in one portable instrument



### Standard GB-2000 Monitoring Configuration Includes:

- Lung Damaging Particulates – TSP& PM-10 or PM-2.5, PM-1.0, or Respirable (PM-4.0)
- Carbon Dioxide – CO<sub>2</sub>
- Carbon Monoxide – CO
- Temperature
- Relative Humidity

### Upgrade GB-2000 System with One or All Optional "Plug & Play" Sensors for Maximum Flexibility: Build your own system

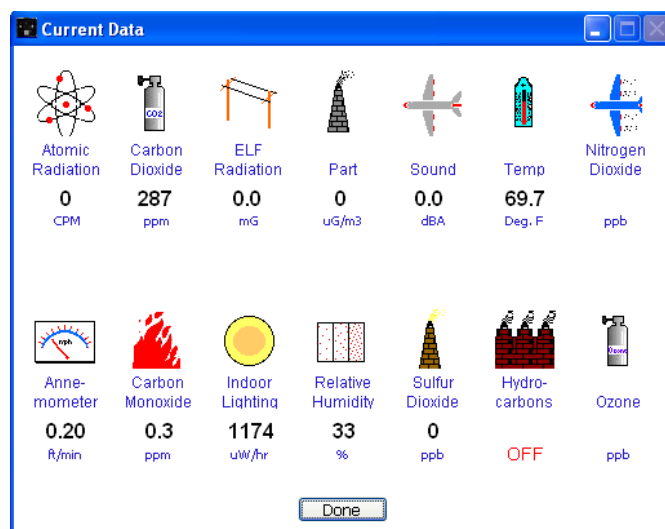
- Additional Toxic Gas Sensors (NO<sub>2</sub>, SO<sub>2</sub>, O<sub>2</sub>, etc.)
- Volatile Organic Compound (VOC's)
- Light Intensity
- Sound & Noise
- Atomic Radiation
- ELF Radiation
- Air Velocity

Haz-Scanner™ model GB-2000 can be configured for Wireless Data Acquisition which allows for continuous unattended sampling up to one mile. With provided software user can easily create compliance ready graphical reports.



### GB-2000 Features:

- In line 25mm or 37mm Gravimetric Filter Cassette for concurrent filter sampling for chemical and biological analysis
- Data Logging and Real-Time Wireless Data Transmission
- Easy to use Graph & Reporting Software compatible with PC and Mac
- "Plug & Play" feature for adding up to 14 Sensors.



**Up to 14 Simultaneous Measurements**

*Environmental Devices Corporation*

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www.hazscanner.com

# Specifications

Optimized for Indoor Air Quality Application – Custom Calibration for Specific Ranges and Ambient Application upon Request  
 For Ambient Applications see Haz-Scanner Model HIM-6000 Product Bulletin

Sensor	Concentration Range
<b>Particulates</b>	
Particulates 90° Infra Red Light Scattering	1µg/m <sup>3</sup> - 20,000µg/m <sup>3</sup> or .01mg/m <sup>3</sup> – 200mg/m <sup>3</sup>
Particle Size Range	.1 - 100µm
Particle Size Measurement	1µm, 2.5µm, 4.5µm, 10µm, TSP

<b>Volatile Organics (VOC)</b>	
PID	0 - 2000PPM / Resolution 10PPB

<b>NDIR</b>	
CO <sub>2</sub> - Carbon Dioxide	0 – 10,000PPM / Resolution .1PPM

<b>Electro Chemical</b>	
CO – Carbon Monoxide	0 – 1000PPM / Resolution .1PPM
H – Hydrocarbon	0 – 1000PPM / Resolution .1PPM
NO – Nitric Oxide	0 – 100PPM / Resolution .1PPM
NO <sub>2</sub> – Nitrogen Dioxide	0 – 50PPM / Resolution .1PPM
O <sub>2</sub> – Oxygen	0 – 30% / Resolution 2%
SO <sub>2</sub> – Sulfur Dioxide	0 – 50PPM / Resolution .1PPM

Temperature	0 - 140°F / Resolution 1 deg.
Relative Humidity	0 – 100% / Resolution 5%
Light Intensity	0 – 50,000 LUX / 0 – 5,000 FC
Sound	30 – 135 db
Atomic Radiation	1 – 19999cpm <sup>3</sup>
ELF Radiation	1 – 200mG
Air Velocity	0 – 30m/s or 0 – 5,910ft/min

<b>Instrument Specifications</b>	
Display	LCD
Operation	4 Key Splash Proof Membrane Switch
Power	12V NiMH Battery
Operating Time	8 Hours on Battery Continuous on AC
Display Measurements	MAX, MIN, TWA, STEL
Recording Time	1 sec to 21 weeks
Sampling Rate	1 sec, 1 min, 10 min Intervals
Data Storage	36,000 Data Points
Sampling Pump	1 – 4.0 lpm
Digital Output	RS-232 (PC) ,RS-423 (MAC)
Software	PC or Macintosh
Dimension	7" x 4" x 11"
Weight	6lbs
Operating Temperature	0 to 50°C
Storage Temperature	-20°C to 60°C
Humidity	95% Non Condensing
Wireless Radio Modem	900MHz (US) 868MHz (Euro)



GB-2000 Shown with optional tripod stand & alarm light



Toxic Schools



Green Building Certification



Indoor Air



Industrial Hygiene

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Product Bullet GB0509