



## YESAIR - AIR QUALITY MONITOR / INFORMATION RECORDING

### BASIC SPECIFICATIONS - Revision-D

Enclosure:	Rugged ABS/Polycarbonate plastic, UL94-HB material flammability rating
Dimensions:	Instrument overall: 3.87" (98 mm) wide X 3.06" (78 mm) deep X 7.75" (197 mm) high Hand-held area: 3.0" (76 mm) wide X 1.62" (41 mm) deep X 3.87" (98 mm) high
Weight:	20 oz. (567 g) c/w three "AA" NiMH rechargeable batteries, CO2, temperature, RH sensors installed
Electronics:	Microprocessor based, menu driven, user configurable
Sensors:	Small, "plug-and-play" sensor modules with built-in E-EPROMs to retain calibration and setup information. Twenty-six different sensors to choose from, including five different sensor types. Consult list for gases, ranges and other sensor specifications. <ul style="list-style-type: none"><li>1) Sensor types:<ul style="list-style-type: none"><li>a) Electrochemical (multiple ranges available)</li><li>b) Catalytic (one range available)</li><li>c) Infrared single beam (one "ppm" range available)</li><li>d) Infrared dual beam (multiple "percent volume" ranges available)</li><li>e) PID (two ranges)</li></ul></li><li>2) Calibration: Automated process (consult manual for details and frequency)</li><li>3) Capacity: Maximum seven sensors internally including temperature and RH</li></ul>
Sample:	Internal, constant sampling pump, microprocessor monitored
Information Recording:	12-bit, multi-channel, user configurable with removable flash card 64MB to 2GB c/w interface cable and terminal software. Multiple sampling rates to select from plus a host of useful, functional features. Software tested for Windows operating systems including Windows XP & Vista <ul style="list-style-type: none"><li>1) 16MB (full file size limitation) memory = approximately 116 days of data logging @ 1-minute sample interval with seven sensors installed</li></ul>
Communication:	<ul style="list-style-type: none"><li>1) Built-in miniature USB ports to accommodate:<ul style="list-style-type: none"><li>a) Downloading interface cable (included)</li><li>b) Connecting remote probe/sensor (Auxiliary)</li><li>c) Miniature wired web server (option)</li><li>d) Miniature wireless web server (option)</li></ul></li><li>2) Slot to accommodate small SD flash card for data logging purposes</li></ul>
Indicators:	Large, multi-line, backlit LCD digital display
Alarms:	Internal audible alarm (80 dB @ 4") with one set point. Can also be switched off through the menu
User Access:	<ul style="list-style-type: none"><li>1) Lexan label with three push-button keypad for menu access and power on/off located on front panel</li><li>2) Air sample inlet, air sample outlet, power jack, USB ports and temperature/RH sensors (located on top cover)</li></ul>
Power:	<ul style="list-style-type: none"><li>1) Internal, rechargeable, 3.6V nickel hydride battery pack &amp; wall adapter/charger</li><li>2) North America: 120V charger/adaptor with North American wall outlet configuration</li><li>3) International: 200-240V charger/adaptor (customer must supply cord for their wall outlet configuration on one end with standard plug to IEC320-C13 socket on the other end. Same end utilized for computer cords)</li></ul>
Minimum Requirements for Data Logging Software:	<ul style="list-style-type: none"><li>1) Personal computer</li><li>2) Pentium III class processor or better</li><li>3) 128MB RAM or better</li><li>4) VGA monitor</li><li>5) Open COM port</li><li>6) Hard disk with at least 100 MB of available disk space. Additional space is required to store logger files and graph files.</li><li>7) Microsoft Windows 2000, XP or Vista required</li></ul>
Certifications:	CE: EN61010-1:1993, EN61000-4-2:1995, EN61000-4-3:2002, EN61000-6-1:2007, EN61000-6-2:2005 (pending). RoSH compliant

Specification Update: Rev-D, March-6-08: This specification has been developed from data considered accurate at the time. No warranty is implied or suggested based on this data. We accept no responsibility for errors or omissions. YES Environment Technologies Inc. reserves the right to make design and specification changes without prior notice.