



YESAIR offers more features, flexibility and functionality than any other IAQ instrument on the market today with multi-channel operation, 26 different plug and play sensors to select from, including a particulate sensor, huge capacity data logging to SD flash card and much more. Positive sampling with internal pump ensures good representative samples are taken from all target areas or with diffusion for a quick, direct reading. Seven sensors are viewed live on the multi-line, backlit, LCD display as well as battery and data logging status. With a few simple mouse clicks, users can analyze and graph data using the optional YES Viewer PC software and an SD card reader. Alternatively, data could be downloaded through the instrument using a standard USB connection.

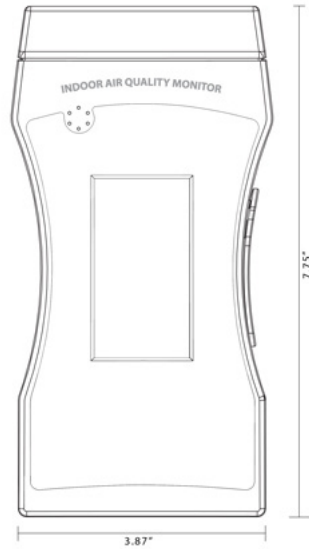
#### KEY FEATURES

- » 7 sensor capacity
- » 26 plug & play sensors available to choose from, including electrochemical, catalytic, infrared & PID
- » Multi-function, easy to use menu
- » Light weight, contoured & comfortable handheld device
- » LCD displays all sensors
- » Sampling with internal sample draw pump or by diffusion
- » High capacity data logging with built-in SD flash card
- » Data logging software available
- » CE certified

#### APPLICATIONS

- » Residential buildings
- » Commercial buildings
- » Hospitals
- » Laboratories
- » Research facilities
- » ... and many more

#### TECHNICAL DRAWING



#### SAMPLE ENGINEERING SPECIFICATIONS

Coming soon...



# Portable IAQ Instruments - GAS DETECTION DATASHEET

## YESAIR Seven Channel IAQ Monitor

### TECHNICAL SPECIFICATIONS

#### MECHANICAL

Enclosure	Rugged ABS / Polycarbonate (UL94 rated)
Weight	567 g (20 oz)
Size	7.8" x 3.1" x 3.9" (197 mm x 78 mm x 98 mm)

#### ELECTRICAL

Power	Standard: Alkaline AA batteries x 3 Option: Rechargeable 3.6 V NiMH battery pack (8 hours continuous operation time c/w plug-in battery charger / wall adapter (100 - 240 V, 50 - 60 Hz)
Sampling	Internal, automatic sample pump for "active" sampling of target environment or diffusion for quick, direct reading.
Memory	> 1 million data points data logging to SD flash card
Calibration	Automated through keypad
Information Recording	12 bit, multi-channel, user configurable with removable flash card 2 GB. This option includes one basic flash card, USB interface cable and terminal software.
Communication	Miniature USB port for downloading recorded information and auxiliary port for uploading from plug-in probes.
Audible	Internal 80 Db @ 4'. One set point adjustment. Audible can be switched off through menu.

#### ENVIRONMENTAL *(sensor dependant)*

Operating Temperature	5° C to 50° C (41° F to 122° F)
Humidity	0% to 99% RH non-condensing

#### CERTIFICATION

CE	Certified
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### PRODUCT CODES

Temperature, RH sensors, internal pump, rechargeable batteries (3 x AA NiMH), battery charger, capacity for 5 additional sensors	YESAIR
Temp., RH sensors, rechargeable batteries (3 x AA NiMH), battery charger, capacity for 5 additional sensors	YESAIR-D

#### OPTIONS

Ammonia (NH <sub>3</sub> ) electrochemical, 0-50 ppm	PNP-H
Arsine (ASH <sub>3</sub> ) electrochemical, 0-2 ppm	PNP-R
Carbon dioxide (CO <sub>2</sub> ) infrared, 0-5000 ppm	PNP-A+
Carbon dioxide (CO <sub>2</sub> ) infrared, % volume	PNP-B
Carbon dioxide (CO <sub>2</sub> ) infrared, 0-100% volume	PNP-B1
Carbon monoxide (CO) electrochemical, 0-50 ppm	PNP-C
Chlorine (Cl <sub>2</sub> ) electrochemical, 0-5 ppm	PNP-I
Chlorine dioxide (ClO <sub>2</sub> ), electrochemical, 0-1 ppm	PNP-J
Combustibles (flammables) infrared, 0-5% volume	PNP-B+
Combustibles (flammables) infrared, 0-100% LEL	PNP-B2
Combustibles (flammables) catalytic, 0-100% LEL	PNP-X
Fluorine (F <sub>2</sub> ) electrochemical, 0-2 ppm	PNP-S
Formaldehyde (CH <sub>2</sub> O) electrochemical, 0-10 ppm	PNP-Q
Hydrazine (N <sub>2</sub> H <sub>4</sub> ) electrochemical, 0-1 ppm (0-1000 ppb)	PNP-T
Hydrogen (H <sub>2</sub> ) electrochemical, 0-1000 ppm	PNP-K
Hydrogen chloride (HCl) electrochemical, 0-30 ppm	PNP-M
Hydrogen cyanide (HCN) electrochemical, 0-100 ppm	PNP-N
Hydrogen fluoride (HF) electrochemical, 0-10 ppm	PNP-O
Hydrogen sulphide (H <sub>2</sub> S) electrochemical, 0-50 ppm	PNP-L
Nitric oxide (NO) electrochemical, 0-100 ppm	PNP-E
Nitrogen dioxide (NO <sub>2</sub> ) electrochemical, 0-5 ppm	PNP-D
Oxygen (O <sub>2</sub> ) electrochemical, 0-25% volume	PNP-F
Ozone (O <sub>3</sub> ) electrochemical, 0-1 ppm	PNP-G
Phosgene (COCl <sub>2</sub> ) electrochemical, 0-1 ppm	PNP-U
Phosphine (PH <sub>3</sub> ) electrochemical, 0-1 ppm	PNP-V
Silane (SiH <sub>4</sub> ) electrochemical, 0-1 ppm	PNP-W
Sulphur dioxide (SO <sub>2</sub> ) electrochemical, 0-20 ppm	PNP-P
TVOCs (PID), 0-2000 ppm	PNP-Y
TVOCs (PID), 0-20 ppm	PNP-Z

#### ACCESSORIES

Hard shell Pelican style transport case	6010.20
YESAIR logger package, 1-2 G flash card, interface cable, terminal software, SD flash card reader	YESAIR-LGRPKG
Handheld probe 10" with 30" of sample hose	YES-HHPROBE-10
External mounted nickel metal hydride pack	YESAIR BATT OPTION
External lead acid battery, in carrying case w charger	YES-AIR BATT EXT
YES Viewer information logging software CD	YES-SFTWRE
Calibration kit, c/w regulator, calibration adapter, fittings, carrying case	CAL-7150-CK1

