SPECIFICATIONS

Enclosure:	Material: Rugged ABS (UL94-HB rated)
Dimensions:	10.0″ wide x 3.5″ high x 7.0″ deep (254 mm wide x 89 mm high x 178 mm deep)
Weight:	1.7 kg (3.6 lbs)
Usage:	The YES Plus LGA is a portable, battery powered instrument designed for hand-held use. It will easily accommodate sitting on a flat surface such as a desk top. Comes with multi-position, adjustable aluminum carrying handle/stand and a plastic storage/carrying case with foam lining.
Electronics:	Powerful microprocessor, user configurable

Sensors: Small, "plug-and-play" sensor modules with built-in E-EPROMs to retain calibration and setup information. Over 30 different sensors to choose from, including five different sensor types. Consult list for gases, ranges and other sensor specifications.

[1] Sensor types:
- [a] Electrochemical (multiple ranges available)
- [b] Catalytic (one range available)
- [c] Infrared single beam (one "ppm" range available)
- [d] Infrared dual beam (multiple "percent volume" ranges available)
- [e] PID (two ranges)

[2] Calibration: Automated process (consult manual for details and frequency)

[3] Capacity: Depends on type and location of sensors. Maximum 15 sensors, including temperature, RH and one external particulate sensor (YES DUST)

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

Power: Standard: Rechargeable NiMH battery pack
* Operational time on a full charge: 18 to 24 hours dependent upon the sensor array installed
* Note: A "protection diode" in the circuit provides safety protection
* Continuous: Plug-in, 12VDC, class-2, 2.5 Amp max. wall adapter - input 100 to 240 VAC, 50 to 60 Hz / 700 mA

Sample Mode:	Internal, automatic sample draw pump for "Active" sampling of target environment

Information Recording: 12-bit, multi-channel, user configurable with removable 2GB memory card, c/w interface cable and terminal software. Multiple sampling rates to select from plus a host of useful, functional features. Software tested for Microsoft® Windows operating systems including Windows 2000, XP, Vista, 7, 8, and 10

[1] > 1 million data points of data logging to a 2GB memory card; approximately 116 days of data logging @ 1-minute sample interval with seven sensors installed

Communication: [1] Built-in miniature USB ports to accommodate:
- [a] Downloading interface cable (included)
- [b] Connecting remote probe/sensor (auxiliary)
- [c] Miniature wired web server (option)
- [d] Miniature wireless web server (option)

[2] Slot to accommodate SD flash card for data logging purposes

Indicators:	Back-lit, multi-line LCD alphanumeric display; 4-tactile push-buttons for user access

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Alarms:	Internal audible alarm (80 dB @ 4″) with one set point. Can also be switched off through the menu

User Access:

[1] Lexan label with three push-button keypad for menu access and one power on/off push-button located on front panel

[2] Air sample inlet, air sample outlet, power jack, USB ports and temperature/RH sensors (located on back side), SD flash card slot

Minimum Requirements for Data Logging Software:

[1] Personal computer

[2] Pentium III class processor or better

[3] 1 GB RAM or better

[4] VGA monitor

[5] Open COM port

[6] Hard disk with at least 100 MB of available disk space. Additional space is required to store logger files and graph files.

[7] Microsoft® Windows 2000, XP, Vista, 7, 8 or 10 required

[8] Available USB port

Specification Update:

Rev-E, June 6, 2017: 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. Critical Environment Technologies Canada Inc. reserves the right to make design and specification changes without prior notice.

Reviewed 06-06-2017