

## The Affordable Particulate Sensor



Low cost

Long life

Light weight

Quick response

Real time display on YESAIR LCD

Data logs to SD flash card in YESAIR or YES Plus LGA

Rechargeable nickel hydride battery pack

Wall adapter for continuous operation



# The Affordable Particulate Sensor

YESDUST is a general purpose, low-cost, hand-held, battery powered particulate sensor designed to be used in conjunction with the YESAIR or YES Plus LGA IAQ monitor. It operates from its own internal rechargeable nickel hydride batteries and connects to the auxiliary port of the YESAIR or YES Plus LGA with the supplied interface cable. The measured readings are displayed as another sensor on the LCD display of the YESAIR or YES Plus LGA. The readings are also data logged to the YESAIR or YES Plus LGA internal flash card, if utilized.

YESDUST counts particulates between 1 and 10 microns in size. It has been designed for use as a general purpose indication of a particulate problem and should not be considered for applications requiring high accuracy such as “clean rooms”.

YESDUST will also communicate with future multi-sensor IAQ monitors developed by CETCI such as the YESAIR & YES Plus LGA.

<b>Dimensions</b>	4.6" wide x 6.1" high x 2.4" deep (118 mm wide x 156 mm high x 60 mm deep)	
<b>Weight</b>	1.0 lbs (0.45 kg)	
<b>Enclosure Material</b>	General Purpose ABS	
<b>Power</b>	9 V wall adapter for rechargeable Nickel Hydride rechargeable battery pack. Battery life: 5 hours continuous on a full charge.	
<b>Warm-Up Time</b>	1 minute	
<b>Measurement Range</b>	1 to 10 microns	
<b>Sensor Type</b>	Highly sensitive, focused, infrared light beam. Self aspirated, convection.	
<b>Sensor Life Span</b>	Infrared light source estimated to be seven years.	
<b>Resolution</b>	250 particles / cubic foot	
<b>Operating Ranges</b>	Temperature: 0°C to 45°C (32°F to 113°F); Relative Humidity: 15% to 90% RH non-condensing	
<b>Indicators</b>	Tri-color LED:	
	Red:	Looking for YESAIR or YES Plus LGA host
	Green:	Found host and starts data logging
	Amber:	Battery is being re-charged with instrument shut off
	Flashing (red or green):	Low battery indication, recharge required

## OTHER CETCI IAQ PORTABLES

**YESAIR** seven-sensor, hand-held IAQ portable with SD flash card data logging, wide array of plug and play smart sensors to choose from, internal sample pump and many more features.

*Note: YESAIR is CE certified for EMI and safety*

**YES Plus LGA** accommodates up to fifteen sensors, including twelve plug and play smart gas sensors, a fixed temperature sensor, a removable RH sensor, and an external sensor, and offers SD flash card data logging. Optional internal GPS and Bluetooth technology are available.

**Falcon-II** economical, dual-sensor (CO<sub>2</sub> and temperature) hand-held IAQ portable.

Stay tuned for other new IAQ portable instruments coming in the future.

**Please note:** YESDUST will not operate on its own as a stand alone sensor. It must be used in conjunction with a YESAIR or YES Plus LGA.

