



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.

KEY FEATURES

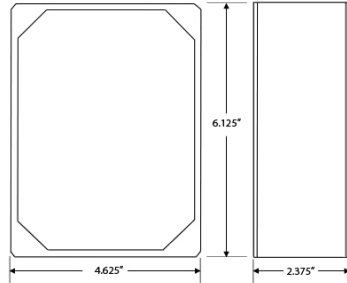
- » Low cost
- » Light weight
- » Quick response
- » Long life
- » Real time display on YESAIR or YES Plus LGA LCD
- » Data logs to SD flash card in YESAIR or YES Plus LGA
- » Rechargeable nickel hydride battery pack
- » Wall adapter for continuous operation
- » RoHS compliant circuit boards

APPLICATIONS

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



TECHNICAL DRAWING



TECHNICAL SPECIFICATIONS

GAS TYPE

Particulates

MECHANICAL

Enclosure	General Purpose ABS
Weight	450 g (1.0 lbs)
Size	4.6" x 6.1" x 2.4" (118 mm x 156 mm x 60 mm)
Display	3 parameters, backlit, numerical LCD display

ELECTRICAL

Power	9 V wall adapter for rechargeable Nickel Hydride rechargeable battery pack. Battery life: 5 hrs continuous on full charge
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SENSOR

Warm-Up Time	1 minute
Measurement Range	1 - 10 microns
Sensor Type	Highly sensitive, focused, infrared light beam. Self aspirated, convection
Sensor Life Span	Infrared light source estimated to be 7 yrs
Resolution	250 particulates / cubic foot

ENVIRONMENTAL (sensor dependant)

Operating Temperature	0°C to 45°C (32°F to 113°F)
Humidity	15 - 90% RH non-condensing

PRODUCT CODES

Particulate sensor, 1-10 micro meters YESDUST