



# Critical Environment Technologies Canada Inc.

www.critical-environment.com  
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## **YESDUST** Particulate Sensor

### SPECIFICATIONS

Enclosure:	Material: Rugged ABS Size: 6.115"H (155 mm) X 4.72"W (120 mm) X 2.26" Th (57 mm) Weight: 28 oz.
Sensor:	Highly sensitive, focused, infrared light beam Self aspirated, convection Life span: Infrared light source estimated to be seven years
Usage:	Must be used in vertical position ONLY
Operating:	Temperature: 0 to 40 degrees C (32 to 104 deg. F) Relative Humidity: 0 to 95% non-condensing
Power:	Integral nickel metal hydride NiMH rechargeable battery pack Wall adapter / battery charger 6VDC (included)
Stabilization:	After power on, warm up time is a minimum of 1– 2 minutes
Indicators:	Tri-colour LED Red: Looking for YESAIR 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
Operation:	Slide switch ON/OFF
Detectable:	Particle size: 1 to 10 $\mu$ m (micro meters) Smoke, dust, pollen, spores
Displayed value:	The displayed value of the YESDUST reading is indicated on the YESAIR LCD display as thousands of particles per cubic foot. The LCD actually shows: PTS 000.0 $\frac{1000}{FT^3}$ Maximum displayed value on YESAIR LCD: 800.0 * This translates into 800,000 particles per cubic foot