Only AirAssure™ PM2.5 Indoor Air Quality (IAQ) Monitor can provide real-time, reliably accurate measurement of PM2.5 dust concentrations inside commercial buildings. An easy-to-read digital display provides quick reference and interpretation of data. A simple dashboard interface enables convenient monitoring of multiple networked units. All this in a unit that requires minimal maintenance, promises long-term performance, and includes NIST traceable calibration for the satisfaction of tenants, employees, and building owners. The AirAssure Monitor is the ONLY cost effective on-the-wall instrument to meet the needs of ALL the stakeholders in a building.

**Features and Benefits**
+ Ideal for commercial buildings
+ Simple wall mount installation
+ Analog and ethernet output available
+ Measures PM2.5 dust concentrations
+ At-a-glance interpretation of data, correlates to the Air Quality Index
+ Patent-pending auto-zero mechanism ensures consistently accurate performance
+ Field-serviceable
+ NIST traceable calibration

**AirAssure PM2.5 IAQ Monitor Package Includes**
+ Wall-mountable PM2.5 monitor
+ Optional mounting base plate
+ Mounting template
+ Mounting hardware
+ NIST Statement of Conformance
+ Quick installation guide

**MEETS THE NEEDS OF ALL BUILDING STAKEHOLDERS**

**For Occupants**
A measurement they can trust, in an easy-to-read color coded, digital display.

**For Building Managers**
A low maintenance unit with patented measurement stability and a simple dashboard interface that enables convenient monitoring of multiple networked units.

**For Building Owners/Employers**
Accurate measurement and demonstrated indoor air quality helps to retain employees and improve occupancy rates with the promise of a safe, healthy indoor environment.

PLEASE NOTE: This instrument is not currently available for sale in Europe.
SPECIFICATIONS
AIRASSURE™ INDOOR PM2.5 MASS CONCENTRATION MONITOR
MODEL IPM2.5-NA

Sensor Type
Light scattering photometer

Aerosol Concentration Range
5 to 300 μg/m³

Display Readings
PM2.5 mass concentration and color change to represent Air Quality Index

Screen Resolution
1 μg/m³ increments

Unit to Unit Variability
± 25%

Zero Stability
± 10 μg/m³

Operational Temperature
10 to 30°C

Storage Temperature
-10 to 50°C

Operational Humidity
Less than 65% RH

Time Constant
5 minute trailing average, screen updates every 1 second

Physical Size
Dimensions (HWD) 16.2 cm x 8.5 cm x 3.3 cm (6.4 in. x 3.4 in. x 1.3 in.)
Depth including connector 3.8 cm (1.5 in.)

Communications
+ Ethernet
+ Analog (4-20mA)

Power
24 volt (AC or DC), 5W max

Screen
4.3 in. color LCD display

Weight
+ 0.2 kg (0.5 lb)
+ Packaged: 0.5 kg (1.0 lb)

Calibration
Pre-calibrated sensor with NIST Statement of Conformance

Language
+ English
+ Simplified Mandarin

Mounting
+ Wall mount
+ Type 86 gang box
+ American single gang box

Service
+ Local service available
+ Sensor and some key components are field-serviceable

Web App
+ Ethernet connection
+ Password protection capability
+ Data export capability
+ Supports up to 99 sensors
+ Compatible with mobile devices
+ Located on local server
+ Display measurement on remote screen
+ Output coordinated to Air Quality Index color rating
+ Supports Windows® 7, 8.1

Service Kits
+ IPM2.5-SENS – Calibrated replacement sensor
+ IPM2.5-KIT – Replacement pump, fan, and filter kit

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USA Tel: +1 800 674 2811
UK Tel: +44 149 4 459200
France Tel: +33 1 41 19 21 99
Germany Tel: +49 241 523030

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