

# GPS-IMEASURE-D™

## Duct Mounted Ion Meter

### Product Description

The GPS-IMEASURE-D ion detector is permanently mounted in the duct or inside an air handling system downstream of any GPS ionization device. It includes three sensitivity levels of 20,000/200,000/2,000,000 ions/cc/sec that can be set based on the application and mounting location.

### Standard Features

Auto calibration, auto zero, 0-10 VDC analog output for Building Automation System (BAS) monitoring 24/7, watchdog timer, bi-color operation status LED, field selectable ion sensing range as well as a jumper for BAS selectable polarity sensing.

### Specifications

|                   |  |
|-------------------|--|
| Input Voltage     | 12 - 24 VDC or VAC   |
| Current           | 20mA   |
| Power             | 2.4 Watts  |
| Output Impedance  | 1 Kohm   |
| Unit Dimensions   | Housing: 3.25"L x 6.2"W x 1.6"H<br>Sensing Rod: 10.5"L x 2" Dia. |
| Output Voltage    | 0 - 10 VDC; scaled to selected ion-sensing range                 |
| Ion Sensing Range | 0 - 20K, 0 - 200K, 0 - 2M ions/cc (+ or -)                       |
| Polarity          | Field selectable positive or negative                            |
| Humidity Range    | 0 - 95% RH non-condensing  |
| Temperature       | 0 - 148°F  |
| Duct Air Flow     | 1,000 - 100,000 CFM  |
| Duct Velocity     | 300 - 1,100 FPM  |



### Benefits

The GPS-IMEASURE-D ion detector provides remote in-duct sensing of ionization levels and reports back to a BAS, providing real time data and confirmation that the ionization system is operating.

### Applications

- Can be used with any GPS Ionization System.



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