

## **Graywolf AdvanceSense Pro Multi-Gas Analyser & Graywolf 6-Channel Particle Counter (PC -3016A)**

The Graywolf AdvanceSense Pro Multi-Gas Analyser and the Graywolf 6-Channel Particle Counter (PC-3016A) is time-integrated and configured to measure common air pollutants including ozone (O<sub>3</sub>), oxides of nitrogen (NO<sub>x</sub>), nitrogen dioxide (NO<sub>2</sub>), carbon monoxide (CO), sulphur dioxide (SO<sub>2</sub>), volatile organic compounds (VOCs), hydrogen sulphide (H<sub>2</sub>S), and particulates (TSP & PM<sub>10</sub>, PM<sub>2.5</sub> and PM<sub>1</sub>) in real-time respectfully.

### **AdvanceSense Pro-Specification**

<b>SENSORS</b>	<b>RESOLUTION</b>	<b>RANGE</b>
Carbon Monoxide (CO)	0.1ppm	0.00-750ppm
Sulphur Dioxide (SO <sub>2</sub> )	0.01ppm	0.0 -50.00ppm
Nitric Oxide (NO)	0.1ppm	0.0-250.0ppm
Nitrogen Dioxide (NO <sub>2</sub> )	0.01ppm	0.0- 20.00ppm
Hydrogen Sulfide (H <sub>2</sub> S)	0.01ppm	0.0-50.0ppm

### **(PC -3016A)-Specifications**

<b>Size Range</b>	0.3 - 25.0 µm+ (145 µm max into inlet)
<b>Channel Size</b>	0.3, 0.5, 1.0, 2.5, 5.0, 10.0 µm
<b>Flow Rate</b>	0.1 CFM (2.83 LPM)
<b>Counting Efficiency</b>	50% @ 0.3 µm; 100% for Particles >0.45 µm (per ISO 21501-4)
<b>Zero Count Level</b>	<1 Count / 5 minutes (per ISO 21501-4)
<b>Concentration Limits</b>	8,000,000 Particles / ft <sup>3</sup> @ 10% Coincidence Loss
<b>Calibration</b>	Meets ISO 21501-4 Calibration using NIST Traceable PSL Spheres, DMA and Condensation Particle Counter
<b>Sample Output</b>	Internally Filtered to HEPA Standards (>99.97% @ 0.3µm)
<b>Sample Inlet:</b>	Isokinetic Sampling Probe