



# SmartScan Infrared CO Sensor

Revolutionary high resolution, digital infrared CO sensor for accurate gas measurements in advanced analysis and control.

Lab-quality CO detection now available for professional and domestic applications in Demand Control Ventilation and Air Quality diagnosis.

- Carbon Monoxide (CO) low level detection
- HVAC control with alarm relay
- For garage and tunnel ventilation
- No calibration gas needed
- Fail-to-safe relay output



<b>Sensor type:</b>	Microprocessor controlled, fully digital, non-dispersive dual wavelength infrared, temperature compensated
<b>Characteristics:</b>	
Measurement range of CO	0 - 100 ppm, 0 - 250 ppm, 0 - 500 ppm, 0 - 1,000 ppm user selectable
Accuracy of CO measurement	± 10 ppm in 15 - 30°C range ± 15 ppm outside the range
Repeatability	± 5 ppm
Resolution	± 2 ppm
Long term stability	< 10 ppm / year
Warm up time	< 1 hour
Response time	15 to 60 seconds
Time between measurements	15 seconds
<b>Signal Output:</b>	
Signal formats	RS232 digital 4 - 20mA / 0 - 10V analog Alarm relay (normally open)
<b>General:</b>	
Supply voltage	110-220VAC / 10W
Wiring	External wire connector
On/Functional	Lamp indicator
Mounting	Wall mounting
<b>Sampling Enclosure with Pump:</b>	
Material	Molded Fiberglass Polyester
Color	Grey
Size (LxWxH)	360 x 310 x 210 mm
Total Weight	Approx. 5 kg



**Software:**  
- SmartScan HVAC software for setting of relay output, ppm range, pressure, elevation and averaging.

**Optional Accessories:**  
- Audible Alarm

Specifications may be subject to change without further notice

**For information, sales and support - please contact:**

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