



KT Sensor
INFRARED TECHNOLOGY

**SmartScan
PPM 4021H**

SmartScan Infrared CO Sensor

Revolutionary high resolution, digital infrared CO sampler 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



Sensor type:	Microprocessor controlled, fully digital, non-dispersive dual wavelength infrared, temperature compensated
Characteristics:	
Measurement range of CO	0 - 100 ppm, 0 - 250 ppm, 0 - 500, 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
Signal Output:	
Signal formats	RS232 digital 4 - 20mA / 0 - 10V analog Alarm relay (normally open)
General:	
Supply voltage	110-220VAC
Wiring	External wire connector
On/Functional	Lamp indicator
Mounting	Wall mounting
Sampling Enclosure with Pump:	
Material	Molded Fiberglass Polyester
Colour	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.

Specifications may be subject to change without further notice

For information, sales and support - please contact:

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