

IAQ Monitor,
Gas Monitor

Gas Monitor S200

Multi-Sensor Handheld Gas Monitor



The S200 can be hand held or fixed in position. It is a simple, easy-to-use, low-cost monitor that displays the gas concentration. The monitor is compatible with the wide range of gas sensors.



Sensor Head

Monitor Base Specification

Measurement units	ppm
Power supply	12 VDC, 800 mA
Rechargeable battery pack (2 x options)	Standard 9.6V (940mA/hr Ni-Cd) Long Life 9.6V (2100mA/hr Ni-MH)
Permanently fixable	Screw fix
Enclosure rating	IP20 & NEMA 1 equivalent
Size (with sensor head)	7.6 x 4.8 x 2.1 (in); 195 x 122 x 54 (mm)
Weight (with sensor head and battery)	< 16 oz; < 460 g
Functions	Remote sensor capability , Removable / replaceable sensor head, Low battery indication, Sensor condition status, Standby mode
Approvals	Part 15 of FCC Rules, EN 50082-1: 1997, EN50081-1: 1992

Sensor Head Specification

	Ozone			VOC*	Ammonia	CO
	Low	High	Leak			
Measurement range	0.000 - 0.500 ppm	0.50 - 20.00 ppm	0.00 - 50.00 ppm	0 to 400 ppm toluene	0 to 1000 ppm	0 to 2000 ppm carbon monoxide
Accuracy	< 0.008 ppm (0 - 0.100 ppm) ±10% (0.100 - 0.500 ppm)	±10% (0.20 - 2.00 ppm) ±15% (2.00 - 20.00 ppm)	±20%, 15 seconds after Reset	< ±10 ppm (0 - 200 ppm); < ±10% (> 200 ppm)	< ±5 ppm (0 - 100 ppm); < ±10% (100 - 1000 ppm)	< ±10 ppm in the range 0 to 400 ppm
T90 response	< 60 seconds (T90)	< 35 seconds (T90)	< 10 seconds	< 60 s	< 60 s	< 150s
Sensor type	Gas-sensitive semiconductor			Gas-sensitive semiconductor	Gas-sensitive semiconductor	Gas-sensitive semiconductor
Operating temperature range	23°F to 122°F ; -5°C to 50°C (sensor head and base unit)			-4°F to 140°F; -20°C to 60°C	-4°F to 140°F ; -20°C to 60°C	32°F to 158°F; 0°C to 70°C
Operating relative humidity range	95% maximum (sensor head and base unit)			5 to 95% non-condensating	5 to 95% non-condensating	5 to 95% non-condensating
Approvals	---	---	---	---	---	UL 2034, BS 7860

* Specific Calibrations to other VOC's available – contact Kanomax Sales