

Personal Gas Monitor XX-2200 Series

- Thin, lightweight design
- Long operating life
- **Various alarm functions**
- **■** Equipped with a peak value memory function



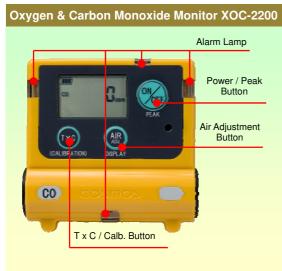


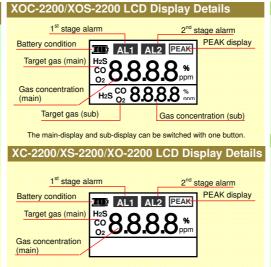
Can be used continuously for 5000 hours.

The monitor can be used for 5000 hours with one AAA alkaline battery. Also, the battery can be changed by the user.



XS-2200





AA-2200 Selles						
Standard Accessories						
Suspender Clip						
Optional Accessories						
\$ Soft Case Helmet Clip						

	VC 2200	VS 2200	VOC 0000			
				Carban Manayida		Lludragan Culfida
,,,		, ,				Hydrogen Sulfide
			0.000	Electrochemical cell		Electrochemical cell
			1			
0-250vol% (25-50vol%)	0-300ppm (300-2,000ppm)	0-30.0ppm (30.1-100ppm)	0-25vol% (25-50vol%)	0-300ppm (350-2,000ppm)	0-25vol% (25-50vol%)	0-30.0ppm (30.1-100ppm)
Within ± 0.5vol%	Within ± 30ppm	Within ± 1.5ppm	Within ± 0.5vol%	Within ± 30ppm	Within ± 0.5vol%	Within ± 1.5ppm
19.5vol% 18.0vol%	50ppm 150ppm	10.0ppm 15.0ppm	19.5vol% 18.0vol%	50ppm 150ppm	19.5vol% 18.0vol%	10.0ppm 15.0ppm
20s or less	30s or less	30s or less	20s or less	30s or less	20s or less	30s or less
arm Indication Buzzer sounds, flashing red light, vibrator			Buzzer sounds, flashing red light, vibrator			
			Remaining battery level, peak hold, memory of peak value, alarm functions except gas alarm (sensor malfunction, remaining battery level, adjustment malfunction)			
Exibd II BT3	Exibd II BT3	Exibd II BT3	Exibd II BT3		Exibd II BT3	
Operation Temperature and Humidity -10 to 40°C, 30-90%RH (non condensing)			-10 to 40°C, 30-90%RH (non condensing)			
1 x AAA Alkaline dry cell (LR03)			1 x AAA Alkaline dry cell (LR03)			
Battery Life *1 5,000+ hours (at 20°C without alarm) 5.			5,000+ hours (at 20°C without alarm)			
			W65 x D22 x H64mm (excluding protrusions)			
Approx. 75g (including battery)			Approx. 75g (including battery)			
Standard Accessories 1 x AAA Alkaline dry cell, safety pin adaptor (with fixing screw)			1 x AAA Alkaline dry cell, safety pin adaptor (with fixing screw)			
Optional Accessories Soft case, Belt clip, Helmet clip			Soft case, Belt clip, Helmet clip			
	Within ± 0.5vol% 19.5vol% 18.0vol% 20s or less Buzzer sounds, flas Remaining battery le functions except gas level, adjustment ma Exibd II BT3 -10 to 40°C, 30-90%RH (non cor 1 x AAA Alkaline dry 5,000+ hours (at 20° W65 x D22 x H64mi Approx. 75g (includi 1 x AAA Alkaline dry	XO-2200 Oxygen Carbon Monoxide Galvanic cell Electrochemical cell Diffusion 0-250vol% (25-50vol%) (300-2,000ppm) Within ± 0.5vol% Within ± 30ppm 19.5vol% 150ppm 18.0vol% 150ppm 20s or less 30s or less Buzzer sounds, flashing red light, vibrator Remaining battery level, peak hold, memory functions except gas alarm (sensor malfunc level, adjustment malfunction) Exibd II BT3 Exibd II BT3 -10 to 40°C, 30-90%RH (non condensing) 1 x AAA Alkaline dry cell (LR03) 5,000+ hours (at 20°C without alarm) W65 x D22 x H64mm (excluding protrusions Approx. 75g (including battery) 1 x AAA Alkaline dry cell, safety pin adaptor	XC-2200 XC-2200 XS-2200	XO-2200 XC-2200 XS-2200 XOC-2200	XC-2200 XC-2200 XS-2200 XC-2200	XO-2200 XC-2200 XS-2200 XOC-2200 XOS-2200 Oxygen Carbon Monoxide Hydrogen Sulfide Oxygen Carbon Monoxide Oxygen Galvanic cell Electrochemical cell Electrochemical cell Electrochemical cell Galvanic cell Diffusion Diffusion Diffusion Diffusion Diffusion 0-250v0l% 0-300ppm 0-30.0ppm 0-25vol% (25-50vol%) (300-2,000ppm) 0-30.0ppm 0-25vol% (25-50vol%) (300-2,000ppm) (25-50vol%) (25-50vol%) Within ± 0.5vol% Within ± 30ppm Within ± 1.5ppm Within ± 0.5vol% Within ± 30ppm Within ± 0.5vol% 19.5vol% 50ppm 10.0ppm 19.5vol% 50ppm 19.5vol% 19.5vol% 50ppm 19.5vol% 50ppm 19.5vol% 18.0vol% 150ppm 19.5vol% 50ppm 19.5vol% 20s or less 30s or less 20s or less 20s or less Buzzer sounds, flashing red light, vibrator Remaining battery level, peak hold, memory of peak value, alarm function

^{*1} Battery life may vary with ambient conditions, conditions of use, storage period, battery manufactures, etc.

Oxygen concentration	Effect on human body
21%	Normal air density
18%	Safety limit
16%	Increase in respiration and pulse rate, headache, feeling sick, and nausea
12%	Dizziness, nausea, loss of muscle strength, and falling
10%	Pallor, unconsciousness, and vomiting (potential choking from vomit)
8%	Coma, Will cause death in 8 min.
6%	Asphyxia convulsions, death

CO concentration	Effect on human body
0.01%	No conspicuous behavior after breathing for several hours
0.02%	Slight headache in 1.5 hours
0.04% - 0.05%	Headache, nausea, and ear ringing in 1 hour
0.06% - 0.10%	Loss of consciousness in 1.5 hours
0.15% - 0.20%	Headache, severe nausea, and loss of consciousness in 0.5-1 hour
over 0.40%	Life threatening even after short exposure

Effect on human body
Lower perception limit of smell
An unpleasant odor is generated
Irritating to the respiratory tract, conjunctivitis
Paralysis of olfactory perception
Sub-acute poisoning in 1 hour
Fetal poisoning in 1 hour
Instant death



NEW COSMOS ELECTRIC CO., LTD.

Head Office:

2-5-4 Mitsuyanaka, Yodogawa-ku, Osaka 532-0036 JAPAN Phone: +81-6-6309-1505 Fax: +81-6-6308-0371

URL: http://www.new-cosmos.co.jp/en/index.html

Tokyo Office:

2-6-2 Hamamatsucho, Minato-ku, Tokyo 105-0013 JAPAN Phone: +81-3-5403-2715 Fax: +81-6-6308-0371