

Be sure, be safe.

COSMOS

MULTI-GAS DETECTOR

XA-4000II SERIES

Real-Time Detection of Gases

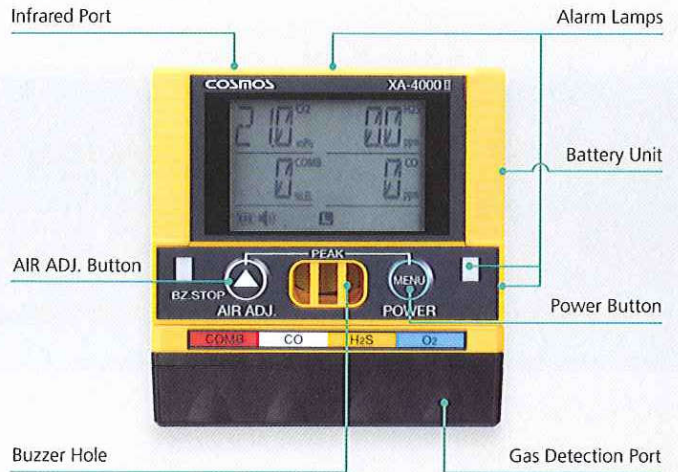
LEL, O₂, H₂S and CO



FEATURES

- **40 hours or more of continuous operation with a single AAA Battery** (when used in long-life mode)
- **Compact and lightweight**
70 (W) x 72 (H) x 20 (D) mm, approx. 130g
- **Sounding alarm, three flashing lights and vibrations**
Alarm sound more than 95dB/ 30cm
- **Ingress Protection is IP67**
Water and dust proof. Can be used outdoors on a rainy day
- **Intrinsically Safe (Ex ia II CT 3)**
Complies with hydrogen and acetylene explosion proof requirements
- **Sensor life of 2 years**

PART NAMES



SPECIFICATIONS

Model	XA-4400II			
Target Gas	Combustible Gas (Methane or Isobutane)	Oxygen	Hydrogen Sulfide	Carbon Monoxide
Detection Principle	Catalytic Combustion	Galvanic Cell	Electrochemical Cell	Electrochemical Cell
Sampling Method	Diffusion			
Detection Range	0 - 100%LEL (101-110%LEL)*1	0-25.0vol% (25.1-50.0vol%)*1	0-30.0ppm (30.1-50.0ppm)*1	0-300ppm (301-2000ppm)*1
Display Resolution	1%LEL	0.1vol%	0-35ppm: 0.1ppm (35-150ppm: 0.5ppm)	0-350ppm: 1ppm (350-2000ppm: 5ppm)
Alarm Set Value	1 st alarm: 10%LEL 2 nd alarm: 30%LEL	1 st alarm: 19.5vol% 2 nd alarm: 18.0vol%	1 st alarm: 10.0ppm 2 nd alarm: 15.0ppm [TWA: 10.0ppm] [STEL: 15.0ppm]	1 st alarm: 50ppm 2 nd alarm: 150ppm [TWA: 25ppm] [STEL: 300ppm]
Operating Temperature/Humidity	-20 to 50 degrees C, 30 to 85%RH (non condensing)			
Continuous Use Time	Approx. 40 hours when the long-life mode is ON / Approx. 20 hours when the long-life mode is OFF Approx. 1200 hours without combustible gas sensor (at 25 degrees C, without alarm, backlight OFF)			
Power Source	1 x AAA Panasonic alkaline battery			
Display	LCD			
Gas Alarm	Buzzer sound, Flashing RED lamp, Vibration, LCD (automatic recovery)			
Intrinsically Safe	Ex ia IIC T3, ATEX (pending)			
Ingress Protection	IP67			
Functions	Self-diagnosis (sensor trouble), Automatic air adjustment, Remaining battery level, Peak-hold, LCD backlight, Buzzer stop for gas alarm, Time & Temperature indication, Alarm test, Buzzer volume, Silent mode, Long-life mode, Data logging (datalogger kit is necessary for logging)			
Dimensions	70 (W) x 72 (H) x 26 (D) mm (excluding protrusions)			
Weight	Approx. 130g (excluding battery)			
Accessories	Safety-Pin band, alkaline battery, 2 x filter element for replacement			
Options	Datalogger kit, soft case, belt clip			

*1: Service Range

■ WATER AND DUST PROOF



■ WEARABLE



■ SPECIFY TARGET GASES

	Model	LEL	O ₂	H ₂ S	CO
4-gas	XA-4400II	✓	✓	✓	✓
3-gas	XA-4300IIKHS	✓	✓	✓	
	XA-4300IIKCS	✓	✓		✓
2-gas	XA-4200IIKS	✓	✓		
	XA-4200IIKH	✓		✓	
	XA-4200IIKC	✓			✓
	XA-4200IIHS		✓	✓	
	XA-4200IICS		✓		✓



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SAFETY WARNING

Read the operating instructions thoroughly before use. Always operate in accordance with the instructions.
Be sure to choose the sensor designed to detect the required type of gas. Use of the wrong sensor type could cause an accident.

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