

Combustible Gas Detectors

Detect Combustible Gases in General with High Sensitivity

COSMOTECTOR Extractive Type For Measurement of Combustible Gas Concentration of 0-10/0-100% LEL

XP-311/311A



Features

- **Measures combustible gases in general. (Please specify gas to be detected.)**
- **Best suited for monitoring a risk of explosion.**
- **Compact and lightweight body of only 700 grams.**
- **Easy to use, measuring in one hand.**
- **Alarm function warns operators of the dangerous concentration. (XP-311A)**

Specifications

Model	XP-311	XP-311A (with alarm function)
Gas Detected	LPG, Manufactured gas, Other combustible gases and vapors (Methane, 13A and the like are specified separately.) * Please specify gas to be detected.	
Detection Principle	Catalytic combustion	
Sampling Method	Extractive	
Detection Range	0-10%LEL (L Range)/0-100%LEL (H Range) Selectable	
Indication Accuracy *1	±5% of full scale	
Alarm Set Value	–	20%LEL
Alarm Indication	–	Gas alarm (flashing lamp, intermittent buzzer) Low battery (continuous buzzer)
Operating Temperature	-20 to 50°C (0 to 40°C for methane specification)	
Power Source	4× AA (R6) manganese dry cells	
Battery Life *2	Approx. 10 continuous hours by alkaline dry cells (without meter illumination and alarm. Approx. 6 hours for methane specification.)	
Explosion-Proof Structure	Intrinsic safety/Flameproof id2G3	
Dimensions	W84 × H190 × D40mm	
Weight	Approx. 700g	
Built-in Circuit	Meter illumination	
Standard	Soft case, 4× AA (R6) manganese dry cells, Gas sampling hose (1m), Probe with filter/moisture trap, Spare filters	
Accessories	Gas sampling hose, Sampling float, Output connector, Mixer, External alarm unit	
Optional Accessories	Gas sampling hose, Sampling float, Output connector, Mixer, External alarm unit	



Type approved by ClassNK (NK) No.87T609
The Ship Equipment Inspection Society of Japan (HK)
approved product (Designation required)