







XP-302M

Type of Gas Detected		Detection Principle			
					
Combustible gas	Oxygen concentration	Toxic gas	Catalytic combustion sensor	Galvanic cell sensor	Electrochemical cell sensor



Ordering information

Model Specification code
XP-302M-□-□
 — Choose one from A – C — Choose one from 1 – 4

- A** 4 gases (Combustible, Oxygen, Hydrogen sulfide, Carbon monoxide)
- B** 3 gases (Combustible, Oxygen, Hydrogen sulfide)
- C** 3 gases (Combustible, Oxygen, Carbon monoxide)

※ Combustible : Methane or LPG

Features

- Compact and Lightweight.
- Large, bright display with auto-backlight.
- 4 gas simultaneous gas display.

Specifications

Model	XP-302M			
Gases Detected	Combustible Gas (Methane or LPG)	Oxygen	Hydrogen Sulfide	Carbon Monoxide
Detection Principle	Catalytic combustion	Galvanic cell	Electrochemical cell	Electrochemical cell
Gas Sampling Method	Extractive			
Measuring Range (Service range)	0-100%LEL	0-25.0vol% (25.1-50.0vol%)	0-30.0ppm (30.1-150ppm)	0-150ppm (151-300ppm)
Indication Accuracy (Repeatability)*1	< ±5%LEL	< ±0.5vol%	< ±1.5ppm	< ±10ppm to 100ppm < ±15ppm to 150ppm
Alarm Set Value	1st stage 10%LEL 2nd stage 30%LEL	19.5vol%	10.0ppm	50ppm
Response Time*2	with a 1m sampling hose < 25 sec. with an 8m sampling hose < 40 sec.	< 20 sec.	< 30 sec.	100ppm < 30 sec.
Operating Temperature & Humidity	-10 to 40°C, 95% RH (non-condensing)			
Power Source	4 × AA alkaline dry cells			
Display	A large LCD with backlight provides simultaneous and continuous readout of all gases being monitored. 3 user-selectable display modes (standard display / graphic display / English display).			
Alarms	90+ dB buzzer, flashing LCD and warning lamp			
Operating Hours*3	8+ hours on 4 × AA alkaline cells (20°C, no alarm, no backlight and datalogging OFF)			
Safety Design	Intrinsically safe design Exibd II BT3			
Functions	• Automatic backlight (in dim light or alarm condition) • Zero adjustment • Peak hold • Buzzer control • Low flow alarm • Datalogging function (up to 150 hours) • Buzzer stop • Alarm test • Display of remaining battery level, current time and temperature			
Dimensions	Approx. W152 × H152 × D42 mm			
Weight	Approx. 870g			
Standard Accessories	XP-302M-□-1*	1m sampling hose (Probe with filter/moisture trap, Spare filters) Soft case		
	XP-302M-□-2*	8m sampling hose (with float), Soft case and carrying case		
	XP-302M-□-3*	Aluminum case***, 8m sampling hose (with float), An external alarm (with 8m cable) and AC adaptor		
	XP-302M-□-4*	Aluminum case***, 8m sampling hose with hose reel (with float), An external alarm with a cable reel (with 8m cable) and AC adaptor		
Optional Accessories*5	• Log data download software (for Windows 2000 or XP) • 20m sampling hose for float • 30m sampling hose for float			

*1 Under identical conditions *2 T90 *3 It depends on the environmental conditions, service conditions, storage period, and battery manufacturers
 *4 Non explosion-proof type *5 Please contact our dealers / distributors for available accessories