

Single / Multi-Gas detector

Features

- **New digital display with a simulated analog scale**
Continuous digital numeric readout and simulated analog scale are displayed simultaneously.
Displays gas concentration and the level at a glance.
- **Lightweight 450g (16 oz.) and compact**
In addition to its "easy-to-hold" designs, the weight is 35% lighter than previous version.
- **Built-in correction factors for up to 5 flammable gases** (Factory option)
Up to 5 of types flammable gas concentrations can be read directly. (Excluding XP-3180)
- **Data-logging function**
Standard 10 hours at 5 seconds intervals (User-selectable), downloadable to PC with data download software (option).
- **Auto-ranging function**
L-Range and H-Range automatically change according to the gas concentration.
- **Two power options**
Up to 20 hours on four AA alkaline cells or up to 5 hours on optional rechargeable NiCd battery pack.
- **Self-diagnostics functions**
Detects low sample flow, sensor disconnection, low battery, and circuit integrity.
- **Built-in sample draw pump**
Standard 1-meter sampling hose with probe.
Optional sampling hoses up to 30 meters are available.
- **Upto 20 hours of battery life**
- **Explosion-proof structure** (Exibd II BT3)

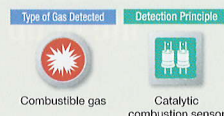
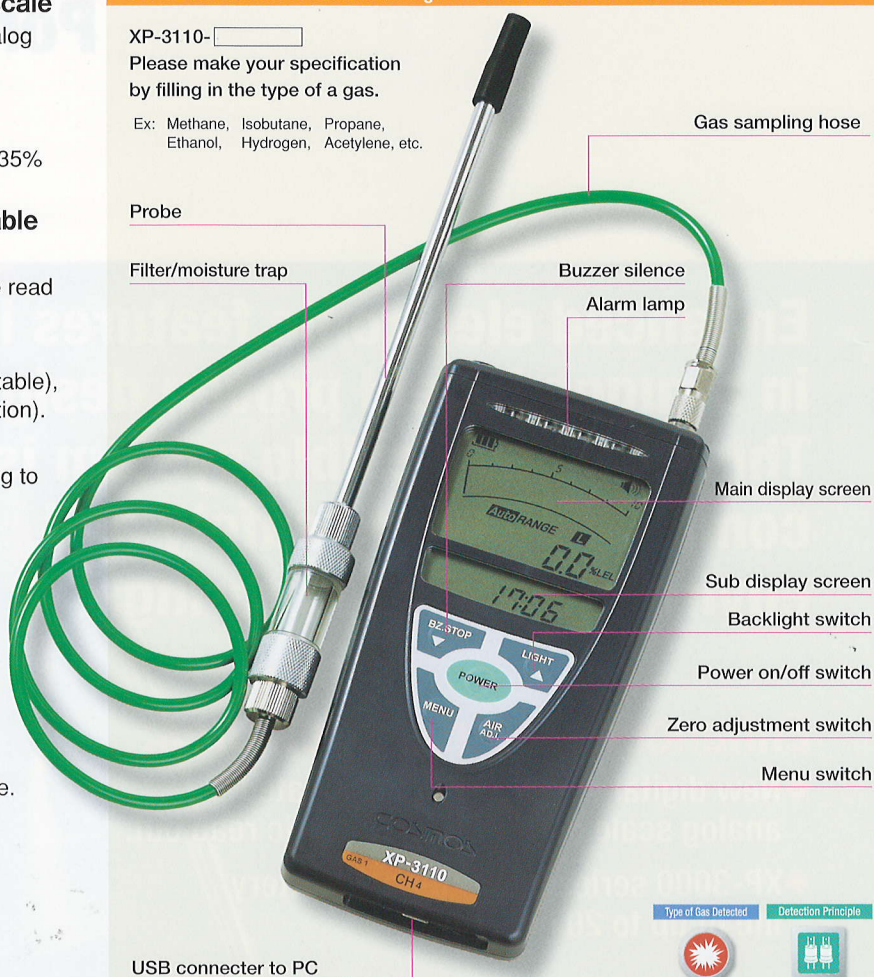
Combustible gas detector XP-3110

For measurement of combustible gas concentration of 0-10/0-100% LEL.

XP-3110-

Please make your specification by filling in the type of a gas.

Ex: Methane, Isobutane, Propane, Ethanol, Hydrogen, Acetylene, etc.



Standard Accessories

Soft case has been treated to prevent static build up.



Specifications

Model	XP-3110	XP-3140
Gas Detected	Combustible gases and vapors (specify gas to be detected)	Methane, Propane, Argon, Carbon dioxide, etc. (specify gas to be detected)
Detection Principle	Catalytic combustion	Thermal conductivity
Sampling Method	Extractive	Extractive
Detection Range	0-100%LEL	0-100vol%
Indication Accuracy (Under identical conditions)	±5% of full scale	H range: ±5% L range: ±10%
Alarm Set Value	20%LEL	50vol%
Display	LCD digital (with backlight) Digital display: 0-100% Digital bar display: Auto range changeover 0-10%LEL (L range) 0-100%LEL (H range)	LCD digital (with backlight) Digital display: 0-100% Digital bar display: Auto range changeover 0-10vol% or 0-30vol% (L range) 0-100vol% (H range)
Alarm Indication	Gas Alarm: Intermittent buzzer, Red lamp flashing Trouble alarm: Buzzer, Red lamp flashing, LCD display	
Explosion-Proof Structure	Exib II BT3	
Operation Temperature	0 to 50°C	
Power Source	4×AA alkaline dry cells or rechargeable NiCd battery pack	
Battery Life *1	Up to 20 hours (alkaline cells) Up to 5 hours (Special NiCd rechargeable battery pack)	
Dimensions	W82×H162×D36mm	
Weight	Approx. 450g (16oz.) (including battery)	
Standard Accessories	Soft case, 4×AAA alkaline dry cells, Gas sampling hose (1m), Probe with filter/moisture trap	
Optional Accessories	2-30m gas sampling hose, Gas dilution probe, Data download software (CD-ROM software and USB cable), Rechargeable NiCd battery pack with charger.	

XP-3000 Series

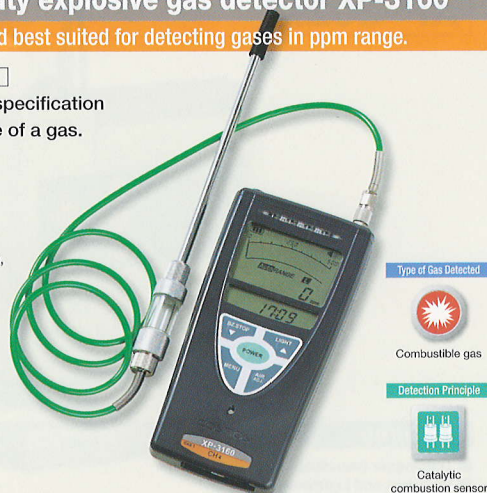
High sensitivity explosive gas detector XP-3160

Super-Sensitive and best suited for detecting gases in ppm range.

XP-3160-

Please make your specification by filling in the type of a gas.

Ex: Methane,
Isobutane,
Propane,
Ethanol,
Hydrogen,
Acetylene, Toluene,
o-Xylene,
Benzene, etc.



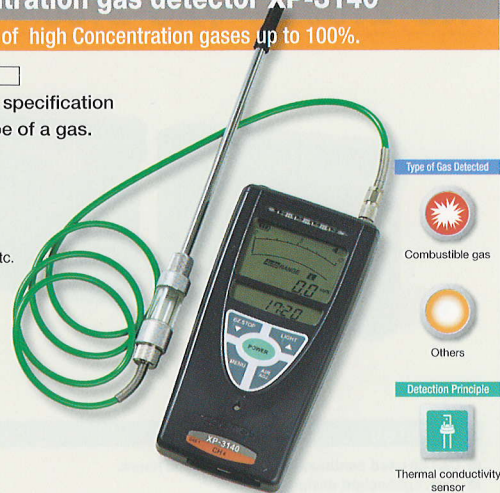
High concentration gas detector XP-3140

For measurement of high Concentration gases up to 100%.

XP-3140-

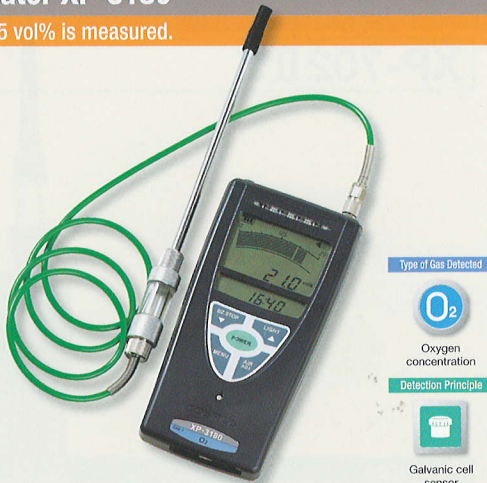
Please make your specification by filling in the type of a gas.

Ex: Methane,
Hydrogen,
Helium,
Argon,
Butane,
Carbon dioxide, etc.



Oxygen indicator XP-3180

The Oxygen of 0-25 vol% is measured.



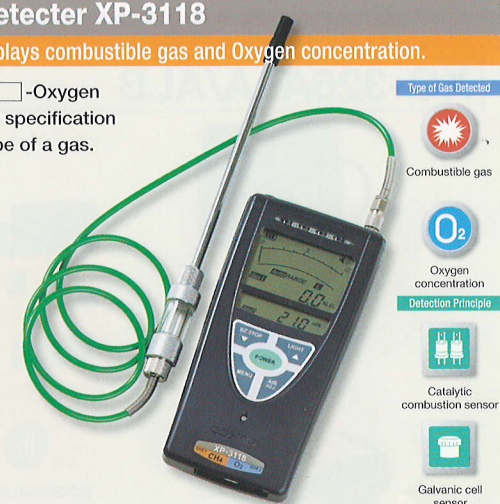
Multi-Gas detector XP-3118

Simultaneous displays combustible gas and Oxygen concentration.

XP-3118- -Oxygen

Please make your specification by filling in the type of a gas.

Ex: Methane,
Isobutane,
Propane,
Ethanol,
Hydrogen,
Acetylene, etc.



XP-3160	XP-3180	XP-3118
Combustible gases and vapors (specify gas to be detected)	Oxygen	Combustible gases and vapors (specify gas to be detected)
Catalytic combustion	Galvanic cell	Catalytic combustion
Extractive	Extractive	Extractive
0-5,000ppm or 0-10,000ppm	0-25.0vol%	0-100%LEL
H range: $\pm 5\%$	$\pm 0.3\text{vol}\%$	$\pm 0.5\text{vol}\%$
L range: $\pm 10\%$	(Compliant with JIS T 8201)	(Compliant with JIS T 8201)
250 or 500ppm	18.0vol%	20%LEL
LCD digital (with backlight)	LCD digital (with backlight)	LCD digital (with backlight)
Digital display: 0-5,000ppm or 0-1vol%	Digital display	Digital display
Digital bar display: Auto range changeover 0-500ppm or 0-1,000ppm (L range)	Digital bar display	Digital bar display
0-5,000ppm or 0-10,000ppm (H range)		
	Gas Alarm: Intermittent buzzer, Red lamp flashing	
	Trouble alarm: Buzzer, Red lamp flashing, LCD display	
	Exib II BT3	
	0 to 40°C	
	4×AA alkaline dry cells or rechargeable NiCd battery pack	
	Up to 20 hours (alkaline cells)	Up to 20 hours (alkaline cells)
	Up to 5 hours (Special NiCd rechargeable battery pack)	Up to 5 hours (Special NiCd rechargeable battery pack)
	W82×H162×D36mm	
	Approx. 450g (16oz.) (including battery)	
	Soft case, 4×AAA alkaline dry cells, Gas sampling hose (1m), Probe with filter/moisture trap	
	2-30m gas sampling hose, Gas dilution probe, Data download software (CD-ROM software and USB cable), Rechargeable NiCd battery pack with charger.	