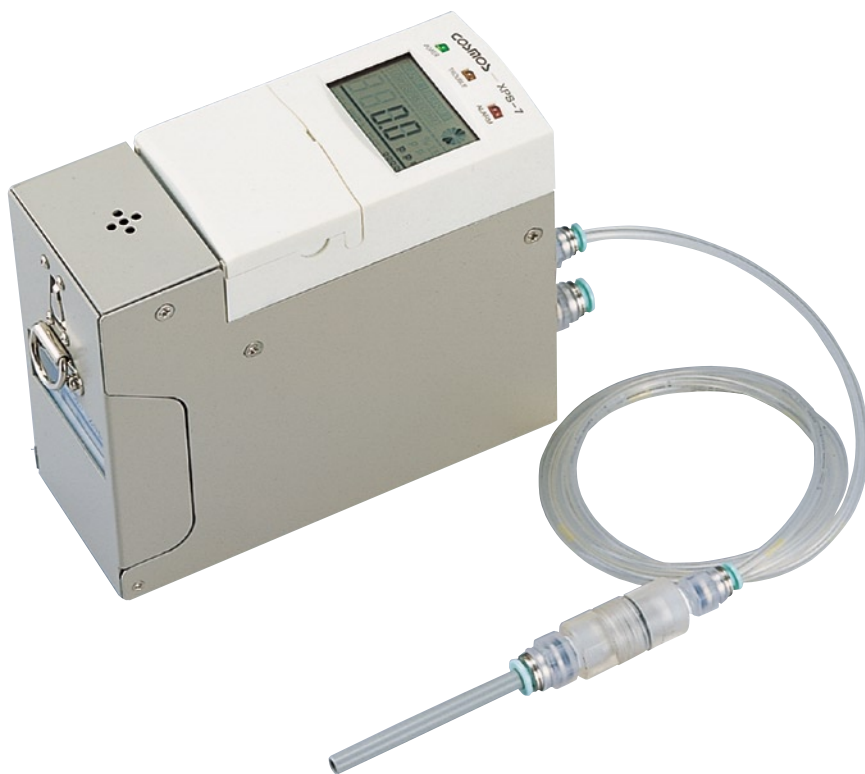


XPS-7

Type of Gas Detected	Detection Principle
Toxic gas	Electrochemical cell sensor



How to replace the sensor unit

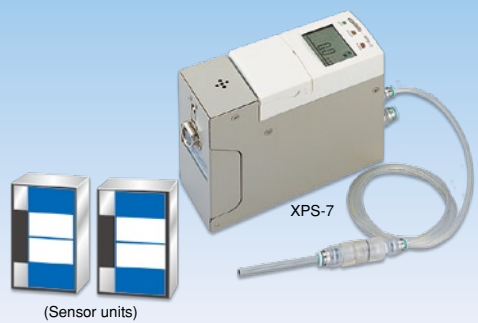


Lift the snap lock and open the sensor cover.



Remove the sensor unit and insert the new sensor unit. Close the sensor cover.

XPS-7 & Sensor Units



(Sensor units)

Features

- Detect a range of gases with a single gas detector by exchanging the sensor unit.
- Cassette-type sensor units eliminate the need for gas detector adjustment.

● List of Detected Gases

Type	Gas	Full Scale	Type	Gas	Full Scale	Type	Gas	Full Scale
XDS-7NH	NH ₃	100ppm	XDS-7GH	GeH ₄	1ppm	XDS-7HS	H ₂ S	50ppm
XDS-7SH	SiH ₄	25ppm	XDS-7CL	Cl ₂	5ppm	XDS-7CO	CO	250ppm
XDS-7DC	SiH ₂ Cl ₂	25ppm	XDS-7CF	ClF ₃	1ppm	XDS-7DS	Si ₂ H ₂	25ppm
XDS-7AH	AsH ₃	250ppb	XDS-7HC	HCl	25ppm	XDS-7F2	F ₂	5ppm
XDS-7PH	PH ₃	1ppm	XDS-7HF	HF	10ppm	XDS-7O ₃	O ₃	1ppm
XDS-7BH	B ₂ H ₆	500ppb	XDS-7HB	HBr	10ppm			
XDS-7SE	H ₂ Se	250ppb	XDS-7NO	NO	100ppm			

Contact us for information on gases not included in the table.

Option : Sensor stocker model EC-7 (Up to 6 sensors)



Specifications

Model	XPS-7
Detection Principle	Electrochemical cell
Gas Detected	Semiconductor manufacturing gases
Gas Sampling Method	Extractive
Detection Range	Depends on the specifications
Resolution	1/100 of full scale
Indication Accuracy	±10% of full scale
Alarm Mode	2nd stage alarm type
Alarm Indication	Intermittent buzzer, flashing lamp
Response Time	60s or less (60% response)
Operating Temperature	0 to 40°C
Power Source	4x AA alkaline dry cells (*2) or an AC adaptor
Battery Life (*2)	Up to 12 hours (by alkaline dry cells at 20°C without alarms)
Dimensions	W62×H150×D128mm (excluding protrusions)
Weight	Approx. 1.3kg
Standard accessories	Gas sampling hose with probe, Shoulder strap, 4x AA alkaline dry cells, Spare filters
Optional Accessories	AC adaptor (100 VAC/6 VDC), Sensor stocker, Log data collection kit

*1 Under identical measurement conditions.

*2. Battery life may vary with ambient conditions, conditions of use, storage period, battery manufacturers, etc.

● Use the sensor stocker to supply power to the sensor units.