



# XPS-7

Type of Gas Detected	Detection Principle
 Toxic gas	 Electrochemical cell sensor



## How to replace sensor the unit



Lift the snap lock and open the sensor cover.



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

## 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 <sub>3</sub>	100ppm	XDS-7GH	GeH <sub>4</sub>	1ppm	XDS-7HS	H <sub>2</sub> S	50ppm
XDS-7SH	SiH <sub>4</sub>	25ppm	XDS-7CL	Cl <sub>2</sub>	5ppm	XDS-7CO	CO	250ppm
XDS-7DC	SiH <sub>2</sub> Cl <sub>2</sub>	25ppm	XDS-7CF	ClF <sub>3</sub>	1ppm	XDS-7DS	Si <sub>2</sub> H <sub>2</sub>	25ppm
XDS-7AS	AsH <sub>3</sub>	250ppb	XDS-7HC	HCl	25ppm	XDS-7F2	F <sub>2</sub>	5ppm
XDS-7PH	PH <sub>3</sub>	1ppm	XDS-7HF	HF	10ppm	XDS-7O2	O <sub>2</sub>	1ppm
XDS-7BH	B <sub>2</sub> H <sub>6</sub>	500ppb	XDS-7HB	HBr	10ppm			
XDS-7SE	H <sub>2</sub> 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)



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

## 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	Two-level alarm
Alarm Indication	Intermittent buzzer, flashing lamp
Response Time	60s or less (60% response)
Operating Temperature	0 to 40C
Power Source	4× AA alkaline dry cells (*2) or an AC adaptor
Battery Life (*2)	Up to 12 continuous hours (by alkaline dry cell at 20C without alarms)
Dimensions	W62 × H150 × D128mm (not including extruding parts)
Weight	Approx. 1.3kg
Standard accessories	Gas sampling hose with probe, Shoulder strap, 4× 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.