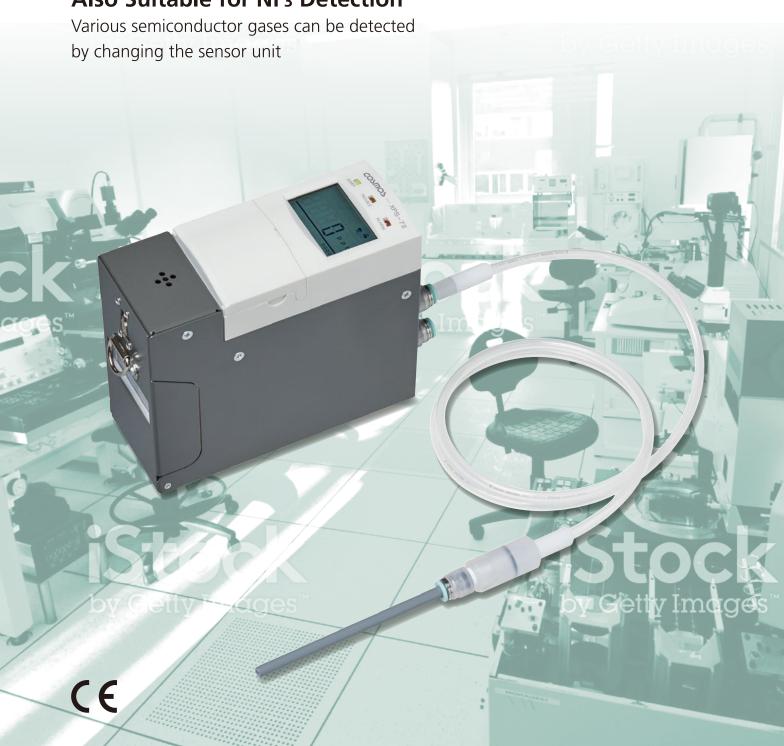


PORTABLE SEMICONDUCTOR GAS DETECTOR

XPS-7II

World's Smallest Portable Gas Detector Also Suitable for NF₃ Detection



Features

- NF3 can be detected without any optional equipment.
- The calibrated gas sensor unit can be replaced on site, reducing maintenance work.
- Large LCD
- 2-way power supply: Dry batteries and AC power supply (optional)
- Small and lightweight
- The Speed of alarm sound changes depending on gas concentration.

Detectable Gas List

Sensor unit	Detectab l e gas		F.S.	Alarm set value	
model				1st stage	2nd stage
XDS-7NH	NHз	Ammonia	100ppm	12ppm	25ppm
XDS-7SH	SiH4	Silane	25ppm	2.5ppm	5ppm
XDS-7DC	SiH2C l 2	Dichlorosilane	25ppm	2.5ppm	5ppm
XDS-7AH	AsНз	Arsine	250ppb	25ppb	50ppb
XDS-7PH	PH ₃	Phosphine	1ppm	0.15ppm	0.3ppm
XDS-7BH	B ₂ H ₆	Diborane	500ppb	50ppb	100ppb
XDS-7SE	H ₂ Se	Hydrogen selenide	250ppb	25ppb	50ppb
XDS7GH	GeH4	Germane	1ppm	0.1ppm	0.2ppm
XDS-7CL	Cl2	Chlorine	5ppm	0.25ppm	0.5ppm
XDS-7CF	C I F3	Chlorine trifluoride	1ppm	0.05ppm	0.1ppm
XDS-7HC	HCI	Hydrogen chloride	25ppm	2.5ppm	5ppm
XDS-7HF	HF	Hydrogen fluoride	10ppm	1.5ppm	3ppm
XDS-7HB	HBr	Hydrogen bromide	10ppm	1.5ppm	3ppm
XDS-7NO	NO	Nitrogen monoxide	100ppm	12ppm	25ppm
XDS-7HS	H ₂ S	Hydrogen su l fide	50ppm	5ppm	10ppm
XDS-7CO	CO	Carbon monoxide	250ppm	12.5ppm	25ppm
XDS-7DS	Si ₂ H ₆	Disilane	25ppm	2.5ppm	5ppm
XDS-7F2	F ₂	Fluorine	5ppm	0.5ppm	1ppm
XDS-7OZ	Оз	Ozone	1ppm	0.05ppm	0.1ppm
XDS-7NF	NF3	Nitrogen trifloride	100ppm	5ppm	10ppm

Specifications

Detection Principle	Electrochemical, Electrochemical + pyrolyzer		
Target Gas	Semiconductor gases		
Sampling Method	Extractive		
Measuring Range	As per delivery specifications		
Accuracy *1	±10%F.S. except for XDS-7NF -30%F.S. to +10%F.S. for XDS-7NF		
Response time *1	T60: Less than 60 seconds		
Display	Four-digit on LCD		
Power Source	Alkaline AA battery x 4pcs or Dedicated 100-240VAC/6VDC adapter (optional)* ³		
Continuous Operating Time*2	More than 12 hours except for XDS-7NF More than 8 hours for XDS-7NF (by alkaline AA batteries (Toshiba LR6AN) at 20℃, with no gas alarm)		
Operating Temperature and Humidity	0 to +40°C, 30 to 85%RH		
Compliance	CE (EMC: 2014/30/EU) *3 *4		
Dimensions	Approx. W62 × H150 × D128 mm (excluding protrusions)		
Mass	Approx. 1.3 kg		

- *1. Under identical conditions.
- *2. The operating time (battery life) may vary depending on environment and conditions of use, storage period, battery manufacturer etc.
 *3. AC power adapter do not comply with CE marking.
- *4. There are two types of EC-7 sensor stocker, global and domestic (for use in Japan). Global type is

Optional Accessary



 Sensor stocker (for six sensor units) [EC-7]



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SAFETY WARNING

Carefully read the instruction manual prior to use.

Select and use the device designed to detect the required type of gas. Use of a wrong sensor type may cause an accident.