











Specifications

Item	Contents				
Product name	Sensor Gas Chromatograph				
Model	ODSA-P2	ODNA-P2	SGHA-P2	SGEA-P2	SGVA-P2
Leaflet (PDF)	Download PDF 	Download PDF 	Download PDF 	Download PDF 	Download PDF 
Technical document (PDF)	Download PDF 	Download PDF 	Download PDF 	Download PDF 	Download PDF 
Measurement principle	Gas chromatography using semiconductor gas sensor				
Target gases (*1)	Hydrogen sulfide Methyl mercaptan Dimethyl sulfide	Ammonia Trimethylamine	Hydrogen Carbon monoxide Methane	Acetone Ethanol Acetaldehyde Isoprene	Toluene Ethylbenzene Xylene Styrene
Measurement concentration	Hydrogen sulfide: 5ppb to 1ppm Methyl mercaptan: 5ppb to 1ppm Dimethyl sulfide: 5ppb to 1ppm	Ammonia: 50ppb to 100ppm Trimethylamine: 50ppb to 10ppm	Hydrogen: 1 to 150ppm (*2) Carbon monoxide: 1 to 150ppm Methane: 1 to 150ppm	Acetone: 100ppb to 20ppm Ethanol: 100ppb to 100ppm Acetaldehyde: 100ppb to 100ppm Isoprene: 100ppb to 20ppm	Toluene: 5ppb to 1ppm Ethylbenzene: 5ppb to 1ppm Xylene: 5ppb to 1ppm Styrene: 5ppb to 1ppm
Minimum display resolution	0.1ppb or 0.1ppm				
Warm-up time	5 to 60 min (*3)				

Measuring time	4 min	4 min (*4)	4 min	8 min	8 min
Sampling gas amount (*5)	2cc	2cc	2cc	5cc	5cc
Measurement results	On PC display (*6)				
Sample injection	Manual injection with a syringe. Auto-start of the measurement (*7)				
Carrier gas	Pumped and filtered clean ambient air (*8)			Cylinder air	
Signal output via	RS232C (*9)				
Power supply	100 to 240V AC				
Power consumption	Approx. 40VA				
Measurement	260(W) X 135(H) X 340(D) mm			260(W) X 135(H) X 435(D) mm	
Weight	5.5Kg			6.5Kg	
Operating temp/humid	Temperature: 10 to 30C Humidity: 20 to 80%RH (No dew condensation)				
Storage temp/humid	Temperature: -20 to 60C Humidity: 20 to 80%RH (No dew condensation)				

(*1) Only one gas can be selected. Additional charge for other gas(es).

(*2) When Hydrogen-free cylinder air is used, this range will be 50ppb to 150ppm (Option) (*3) Time is automatically adjusted depending on the unit stability.

(*4) When Trimethylamine is selected, the time will be 8 min.

(*5) This amount can be changed within the range of 0.2 to 5cc. This may not be realized due to accuracy requirement.

(*6) Exclusive measurement analysis software is attached.

(*7) Automatic and continuous sampling is available (option).

(*8) Cylinder air is available as carrier gas (option)

(*9) USB port on PC can be used with an attached USB-RS232C conversion cable.