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Gas Measurement Equipments

GAS MONITOR (GX-8000 Series)

JP

Model No.	Gas Sampling Method	Measuring Target Gas	Order No.	1-3316		Ref.No
				Without Calibration Certificate	With Calibration Certificate	
TYPE-F	2	O ₂ · LEL	-01	¥ 170,000	-11 ¥ 181,000	052575
TYPE-E		O ₂ · LEL · VOL	-02	¥ 220,000	-12 ¥ 231,000	052575
TYPE-D	3	O ₂ · LEL · CO	-03	¥ 220,000	-13 ¥ 231,000	052575
TYPE-C		O ₂ · LEL · H ₂ S	-04	¥ 220,000	-14 ¥ 231,000	052575
TYPE-B	4	O ₂ · LEL · H ₂ S · CO	-05	¥ 243,000	-15 ¥ 254,000	052575
TYPE-A	5	O ₂ · LEL · H ₂ S · CO · VOL	-06	¥ 286,000	-16 ¥ 297,000	052575

※ Model with calibration certificate is provided with calibration certificate (calibration certificate · test record · traceability diagram) when shipped.
 ※ Certificate for JCSS calibration is issued separately for a fee.
 ※ See P.339 for the original calibration service description.

■ Specification

- Gas Sampling : Pump Suction Type
- Alarm : Gas / Indicator Lamp / Flashing Gas Concentration Value · Buzzer (95dB or more) Intermittent, Fault / Indicator Lamp Illumination · Buzzer (95dB or more) Continuous
- Display : 7 segments LCD · Bar Graph · Backlight · Operation Confirmation · Fault Description
- Functions : Gas/Self Diagnosis Alarm · Zero/Span Adjustment Pump Stoppage · Data Logger IrDA (interval · alarm · station ID)
- Power Supply : Lithium Ion Battery Unit (included) or AA Battery×3 (sold separately)
- Dimensions : approx. 154×123×82mm ● Weight : approx. 1.2kg
- Explosion Resistance : IECEx Exia II CT4X · ATEX
- IP Code : IP67 Equivalent ● Product Contains CE Marking

■ Accessories

- AC Adapter for Charging ● Gas Sampling Rod
- Shoulder Strap ● Spiral Tube (1m)

Perfect for preventing explosions, oxygen deprivation, and poisoning.

PICK UP



GX-8000 TYPE-F

■ Feature ● High-flow-rate pump provides powerful suction.

Detected Target Gas	Oxygen (O ₂)	Combustible (CH ₄ HC (i-C ₄ H ₁₀))	Hydrogen Sulfide (H ₂ S)	Carbon Monoxide (CO)
Detection Principle	Barrier Membrane Galvanic Cell	Heat Conduction	Contact Burning	Constant Potential Electrolysis
Detection Range	0~40.0%	0~100vol%	0~100% LEL	0~100.0ppm
Service Range	25.1~40.0%	—	—	30.5~100.0ppm
Min. Display	0.1%	1vol%	1% LEL	0.5ppm
Alarm Setting Value	1st/18.0%, 2nd/25.0%, OVER/40.0%	—	1st/10% LEL, 2nd/50% LEL	1st/25ppm, 2nd/50ppm, TWA/25ppm, STEL/200ppm, OVER/500ppm

GAS ALARMS

JP

Order No.	Model No.	Detected Gas	Alarm Setting Value	JPY	Ref.No
2-9970-01	GB-HD	Hydrogen		¥ 98,000	052570
2-9970-02	GB-MT	Methane	10 · 20% LEL	¥ 98,000	052570
2-9970-03	GB-PP	Propane		¥ 98,000	052570
2-9970-04	GB-CO	Carbon Monoxide	25 · 100 ppm	¥ 95,000	052570
2-9970-05	GB-HS	Hydrogen Sulfide	5 · 10 ppm	¥ 95,000	052570
2-9970-06	GB-SD	Sulfur Dioxide	2.0 · 5.0ppm	¥ 95,000	052570
2-9970-08	GB-AN	Ammonia	25 · 50 ppm	¥ 98,000	052570

■ Specification

- Detection Principle : GB-HD · -MT · -PP / Contact Burning Type, GB-CO · -HS · -SD · -AN / Electrochemical Type ● Detection Range : Hydrogen · Methane · Propane / 0~100%LEL, Carbon Monoxide / 0~500ppm, Hydrogen Sulfide · Ammonia / 0~100ppm, Sulfur Dioxide / 0.0~50.0ppm ● Operating Temperature / Humidity : 0~40°C / 15~85%RH (no dew condensation) ● Power Supply : AC100V 50/60Hz (supplied with AC adapter) ● Alarm Function : Electronic Buzzer · High Brightness Red LED, External Alarm Output (no-voltage relay, 1c contact, DC30V 1A), 2-level Alarm (arbitrarily changeable) ● Analog Output : 4~20mA (F.S.) ● Dimensions : 167×40×82mm ● Weight : 250g



GB-HD

■ Feature

- Easily converts the sensor if used with the separately sold sensor cartridge saving calibration data. ● Allows you to change alarm parameters to any value (alarm concentration×2, alarm hold/automatic return). ● Controls the revolving light, solenoid valve and other devices if used with the external alarm output.

GAS MONITOR

Order No.	Model No.	Detected gas	Dimensions (mm)	JPY	Ref.No
1-9726-11	GP-03M	Combustible gas (CH ₄), City gas 13A	approx. 54×24×67	¥ 50,000	052575
1-9726-12	GP-03HC	Isobutane, LPG		¥ 50,000	052575
1-9726-13	HS-03	Hydrogen sulfide (H ₂ S)		¥ 68,000	052575
1-9726-14	CO-03	Carbon monoxide (CO)		¥ 60,000	052575

■ Specification

Model No.	GP-03M	GP-03HC	HS-03	CO-03
Detection Method	Diffusion type			
Detection principle	New ceramic type		Constant potential electrolysis type	
Detection range	0 to 100% LEL (1 digit 1% LEL)		0 to 30.0ppm (1 digit 0.1ppm)	0 to 500ppm (1 digit 1ppm)
Explosion-proof	Explosion-proof structure of body Exia II CT4			
IP code	IP-67			
Power Supply	Alkaline AAA battery x 2 (included for testing)			
Function	LCD manual back light (automatically illuminated upon alarm occurrence) · peak value display · data logger · CAL alarm · BUMP alarm			
Weight	Approximately 80 g			
Accessories	Protection cover, belt clip			

■ Feature

- This small and light device is convenient to carry.



GP-03M / GP-03HC



HS-03



CO-03