

For Nitrogen PSA Oxygen analyzer CG-SM



Feature

- Long sensor life (2 years warranty)
- Small amount of sample gas is enough
- Compact size
- Simple structure, easy maintenance

Application

- Nitrogen PSA
- Nitrogen pipe
- Inert gas

etc.

What's CG-SM

This is a compact and light oxygen analyzer model used a stabilized zirconia at the detective point.

Specification

Installation	Indoor type、Plane・Wall type ※ Meter: Panel type
Measuring Range	10ppmO ₂ ~25%O ₂
Display	Digital 3 1/2 digit or 4 digit display
Range	1range : Decide voluntarily Min. range : 0-100ppmO ₂
Output	D.C.0-1V or D.C.4-20mA (Option)
Alarm	The high-alarm 1point C contact
Linearity	Less than ±1%FS
Responsibility	Less than ±1%FS
Response	90% reading in 10 sec. (Swinging to a high density side)
Drift	Less than ±2%FS/week
Sample Condition	Not include water, corrosive, halogen, combustible
Sample flow	100±10cc/min
Sampling	Introduce (positive pressure)
Sample pressure	0.01~0.05 MPa
Sample temperature	80°C MAX.
Piping	Inlet and Outlet Rc1/4
Warm-up	About 20 minutes
Power	Power : AC100±10V 50/60Hz 200VA MAX.
Using temp.	-5~45°C
Accessory	Panel meter、Power cord(3m)、Meter connection cord(3m)
Option	Flow meter with needle valve

※For the improvement, the specification and design may be changed without prior notice.

※About 2 years warranty -It is limited to our original products.-It may become out of warranty in case of the strong acidity, strong alkaline corrosive gas are included in a sample. Consult with us when you would like to use besides above specification.

Dimensions and Flow sheet

Dimensions

Digital meter (Accessory)

Flow meter with needle (Option)

Flow sheet

1	METER OUTPUT +	RED
2	METER OUTPUT -	BLACK
3	METER POWER 0V	GREEN
4	METER POWER +5V	WHITE
5	NC	
6	NC	
7	OUTPUT mA or V +	
8	OUTPUT mA or V -	
9	E	
10	ALARM COM	
11	ALARM (a-contact)	
12	ALARM (b-contact)	

Inquiry

Daiichi Nekken Co.,Ltd.

13-22 Nishikura-Cyo, Ashiya-City,
 Hyogo-Prefecture, Japan ZIP:659-0026
 TEL 0797-31-2410 / FAX 0797-31-8951
 URL <http://www.daiichinekken.co.jp>
 E-mail info@daiichinekken.co.jp