



For Semiconductor/LED/Solar Cell plants,
and Gas/Petro Chemical/Chemical plants.

PORTABLE TOXIC GAS MONITOR

Model SC-8000



◆ Application

- Semiconductor/LED/Solar Cell plants
- Petro Chemical/Chemical plants
- Refineries
- Gas plant/Gas supplier services
- Chemical tanker
- Confined space
- Utilities
- Monitoring toxic gas in hazardous zone
- Leak check at maintenance work

◆ Features

- Real time detection with ppm range
- Large digital and bar graph display with back light
- Loud alarm buzzer with 95dB
- 2 steps adjustable alarm volume
- Easy and simple operation
- Compact size and light weight
- ATEX Intrinsic safe design Exia IC T4
- Water and dust resistant IP67
- Ergonomic design with waist strap for hands free operation
- Datalogging standard



ISO 9001 950R-007
ISO 14001 97ER-005
TOKYO PLANT • OKEGAWA MANUFACTURING
DIVISION • HAKODATE FACTORY

RIKEN KEIKI

DETECTABLE GAS AND MEASURING RANGE FOR MODEL SC-8000

Detectable gas	Chemical formula	Measuring range (ppm)	Increments (ppm)	Preset alarm (ppm)	
				1st	2nd
Ammonia	NH ₃	0~75.0	0.5	25.0	50.0
Arsine	AsH ₃	0~0.200	0.001	0.050	0.100
Bromine	Br ₂	0~1.00	0.01	0.30	0.60
Carbon monoxide	CO	0~75.0	0.5	25.0	50.0
Chlorine	Cl ₂	0~1.50	0.01	0.50	1.00
Chlorine trifluoride	CLF ₃	0~1.00	0.01	0.30	0.60
Diborane	B ₂ H ₆	0~0.300	0.002	0.100	0.200
Flourine	F ₂	0~3.00	0.02	1.00	2.00
Germane	GeH ₄	0~0.800	0.005	0.200	0.400
Hydrogen bromide	HBr	0~6.00	0.05	2.00	4.00
Hydrogen chloride	HCl	0~6.00	0.05	2.00	4.00
Hydrogen cyanide	HCN	0~15.0	0.1	4.0	10.0
Hydrogen fluoride	HF	0~3.00	0.02	1.00	2.00
Hydrogen iodide	HI	0~5.00	0.05	1.50	3.00
Hydrogen selenide	H ₂ Se	0~0.200	0.001	0.050	0.100
Hydrogen sulfide	H ₂ S	0~30.0	0.2	5.0	10.0
Nitrogen dioxide	NO ₂	0~15.0	0.1	5.0	10.0
Nitrogen monoxide	NO	0~100	1	25	50
Ozone	O ₃	0~1.00	0.01	0.30	0.60
Phosphine	PH ₃	0~1.00	0.01	0.30	0.60
Phosphorus trifluoride	PF ₃	0~10.0	0.1	2.0	4.0
Silane	SiH ₄	0~15.0	0.1	5.0	10.0
Sulfur dioxide	SO ₂	0~6.00	0.05	2.00	4.00

Remarks : Specify one detectable gas and range when ordering.
Specifications subject to change without notice.

Standard accessories

- Lithium-ion battery unit BUL-8000
- AC powered charger
(Input : AC100V - AC240V 50/60Hz)
(Output : DC12V 1.25A)
- Gas sampling hose (1m) with probe

Optional accessories

- Dry battery unit BUD-8000
- Data-logging software
- Waist strap
- Sampling probe holder on the neck/shoulder strap
- Carrying box (aluminium)

★ Distributed by: