

RIKEN

PORTABLE COMBUSTIBLE GAS DETECTOR

Model GP-88A for combustible gas
0-10%LEL to 0-100%LEL (Dual range)

Model GP-88AS for solvent, toxic gas, and combustible gas
0-500PPM to 0-5000PPM (Dual range)



Features

- ▶ PPM low range gas surveyor for solvent gas / toxic gas / combustibles (GP-88AS)
- ▶ Sample drawing system
- ▶ Peak hold function
- ▶ Audible / visual alarms
- ▶ Compact, light design
- ▶ Meter illumination in dark sites
- ▶ User-replaceable batteries
- ▶ Continuous monitor and readout
- ▶ Low battery alarm
- ▶ Intrinsically safe design (Exiad II BT3) in Japan



(TOKYO PLANT - OKEGAWA FACTORY)



(HEAD OFFICE - TOKYO PLANT)



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SPECIFICATIONS

Model	GP-88A	GP-88AS
Detection method	Catalytic combustion	
Measurable gas	General combustible gases	Solvent gas, combustibles, toxic gas *Refer to below table for measuring gases
Measuring range	0-10%LEL (Low range) 0-100%LEL (High range)	0- 500ppm (Low range) 0-5000ppm (High range)
Sampling method	Sample-drawing type special built-in diaphragm pump	
Indication	0-10%LEL/0-100%LEL by analog meter (Selective by range selection switch)	0-500ppm/0-5000ppm by analog meter (Selective by range selection switch)
Explosion proof	Exiad II BT3 Certification no.TC17451 by TIIS (TIIS : Technology Institution of Industrial Safety in Japan)	
Alarm function	<ul style="list-style-type: none"> • Flashing lights and intermittent buzzer • Low battery alarm (sounding alarm buzzer continuously) 	
Alarm point	20%LEL	1000ppm
Response time	Less than 20 seconds to 90% indication	
Operating temperature	-10°C~+40°C	0°C~+40°C
Batteries	Dry batteries (AA size or B6) 1.5V × 4pcs.	
Operating hours	Approx. 10 hours (Without any alarm and lights)	Approx. 9 hours (Without any alarm and lights)
Dimensions	85 (W) × 172 (H) × 46 (D) mm	
Weight	Approx.700g (Instrument only)	
Other functions	1) Meter illumination 2) Peak hold switch 3) Ear-phone jack	
Standard accessories	① Sampling probe...1pce ② Sampling hose...1pce ③ Special driver...1pce ④ Carrying case...1pce ⑤ Dry batteries (AA size) ...1pce ⑥ Instruction manual...1sheet ⑦ Test certificate...1sheet	
Optional accessories	① Ear-phone...1pce ② Gas sampling bag...1pce	

● Specifications subject to change without notice.

***Measuring gases for GP-88AS**

Acetone	Ethyl Alcohol	Ethylene	Gasoline
Xylene	Styrene	Toluene	n-Butanol
n-Hexane	n-Petane	Benzene	Ethyl Alcohol
M.E.K.	Methyl Glycol Mono-Methyl Ether		Ammonia
Iso-butane	Hydrogen	City gas (6B)	



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