

Portable / Handheld Gas Detector

Model : SA - Series



Protects **Personnel, Plant
& Assets**

SA - SERIES, SINGLE & MULTI-GAS DETECTORS FOR OXYGEN, COMBUSTIBLE & TOXIC GASES



These devices are portable and IP68 and CE certified which can also be used as a fixed type. The detectors are used for safety application for sensing leak / absences of gases. These detectors employ the gas specific sensor for single as well as different combination of gases.

SPECIAL FEATURES

- Handy and light weight
- Instant direct simultaneous display reading
- LCD or LED Digital display with battery indication
- CE marking
- 3.7V charger
- Inbuilt alarm light & buzzer

APPLICATIONS

- Underground coal mines,
- Municipal & Environmental protection agencies
- Industrial gas manufacturing
- Fertilizer plants, Heat treatment
- Petrochemical, Petroleum, Biogas industry and many more...

HNL Systems Pvt. Ltd.

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SPECIFICATIONS

Type	Portable / handheld
Electronics / processor	Micro-controller
Power supply	5 V Rechargeable battery operated (1500 mAH)
Display	Graphic LCD & LED for combustible gases
Alarm	Sound, light alarm
Technology	Catalytic, Electrochemical
Range	% V/V, %LEL, PPM
Resolution	1% LEL, 1 PPM, 0.01 - 0.1% V/V
Accuracy	± 2 % of FS
Response time	T90 : ≤ 20 sec (% V/V), ≤ 20 sec (% LEL), ≤ 45 sec (PPM)
Operating temperature	-25 - 55 °C (Short time for -40 to -55 °C)
Sampling	Diffusion (Optional suction pump)
Housing	ABS plastic enclosure
Accessories	Leather cover, Battery charger
Optional accessories	Gas sampling pump, 1.2 m Rubber hose, Dust proof filter
Continuous operating hours	≤ 12 hours
Alarm sound Intensity	75-80dB
Charger Input	110-240 V, 50-60 Hz
Charging time	4-5 hours

GASES & RANGES

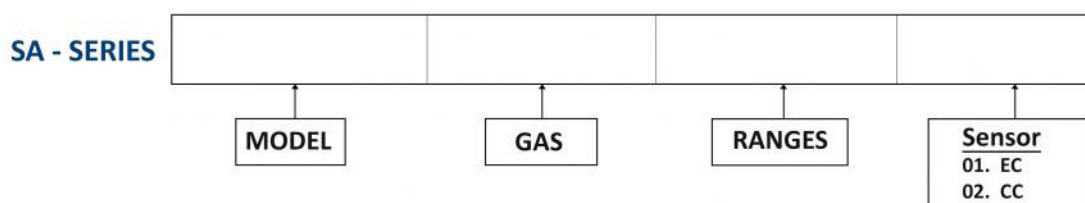
Single - Gas :

01. CO	: 0-1000	PPM
02. O ₂	: 0-30	%v/v
03. H ₂ S	: 0-100	PPM
04. Combustible	: 0-100	%LEL
Gases		

Multi - Gas :

01. CH ₄	: 0-5 / 0-100	% V/V / % LEL
O ₂	: 0-30	% V/V
02. O ₂	: 0-30	% V/V
CO	: 0-1000	PPM
03. CH ₄	: 0-5 / 0-100	% V/V / % LEL
CO	: 0-1000	PPM
O ₂	: 0-30	% V/V
H ₂ S	: 0-100	PPM

ORDERING INFORMATION



Note : Specifications and Features will vary with application. There may be changes overtime due to continuous development process.
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