

Combustible Gas Leak Detector

Handheld Leak Detector : EZ-SENSE



Protects **Personnel, Plant & Assets**



THIS LIGHT, HANDHELD COMBUSTIBLE GAS LEAK DETECTOR IS THE PERFECT TOOL LOCATING LEAKS OF COMBUSTIBLE GASES SUCH AS COMPRESSED NATURAL GAS (CNG), LIQUEFIED PETROLEUM GAS (LPG), LIQUEFIED NATURAL GAS (LNG), METHANE (CH₄), HYDROGEN (H₂).

TECHNOLOGY

The micro controller based, digitally indicating leak detector with long life semiconductor sensor, responds instantaneously to minute leak of all combustible gases and pinpoints the source of the leak or verify the work just completed of being leak free with its long, flexible gooseneck and sensor cap. The unit can be used for checking leaks from inaccessible hard to reach locations.

SPECIAL FEATURES

- Digitally indicates the intensity of leak
- Calibrated in PPM or explosive limit range
- Simple to operate
- Highly sensitive detection circuitry
- Unaffected by ambient temperature and humidity
- Pocket size light weight design
- Audible alarm / low battery warning buzzer
- Tough ABS plastic housing

APPLICATIONS

- Liquefied Petroleum gas (LPG)
- Compressed Natural Gas (CNG)
- Methane (CH₄)
- Natural Gas (NG)
- Hydrogen (H₂)

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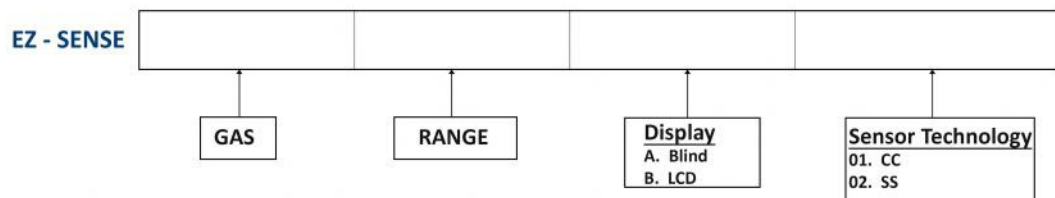
SPECIFICATIONS

Type	Portable
Detectable gases / parameters	Flammable gas, CNG, LPG, LNG, CH ₄ , H ₂
Electronics / processor	Micro-controller
Power supply	6 Volt, Rechargeable batteries
Display	(EZ SENSE-I : with indication, EZ SENSE-B : Non-indicative)
Alarm	Audible and visual alarm (3 Levels)
Output	Leak strength indication (I - Digital, B - Three level visual alarms)
Resolution	1 PPM or 1% LEL
Response time	2 to 3 seconds
Operating temperature	0 - 55 °C
Sampling	Diffusion
Housing	High impact ABS plastic
Gooseneck	6 inch long (other lengths optional)
Warm-up time	About 10 seconds
Humidity range	15 to 95 % RH
Dimensions	119 (H) x 80 (L) x 25 (D)
Weight	200 gm

GASES AND RANGES

01. H ₂ : 0 - 10 / 0 -2000 PPM	02. LPG / CNG / H ₂ : 0-100 % LEL
03. CH ₄ : 0 - 100 % LEL	

ORDERING INFORMATION



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

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