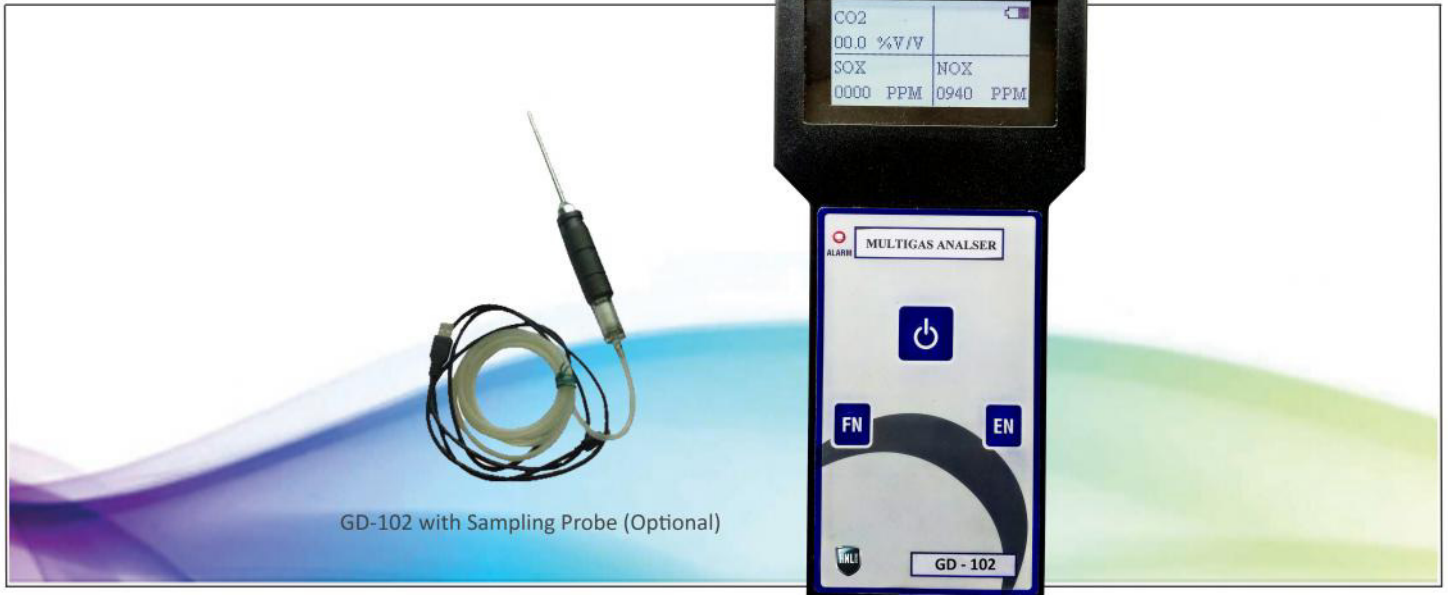


# Portable / Handheld Multi Gas Detector

Model : GD - 102 D/P



Protects **Personnel, Plant  
& Assets**



GD-102 with Sampling Probe (Optional)

**A COMPACT RUGGED & INTELLIGENT INSTRUMENT FOR AMBIENT MONITORING,  
GAS LEAKAGE, PRE ENTRY CHECK, QUALITY CONTROL**

## TECHNOLOGY

It's automatic operation, continuous measurement and digital display of all or any selected gas and derived parameters makes it a valuable aid for on-site instant analysis and follow-ups action. Its data logging and computer interface features can be used for further detailed analysis.

On startup, the instrument automatically goes through complete self integrity check, and displays the current parameter reading. Instrument is provided with simple 3 keys which makes it easy to operate & user friendly.

## SPECIAL FEATURES

- Automatic operation
- Self diagnostic facility
- Proven sensor technology
- Accommodate upto six sensors
- Continuous, stable Graphic LCD display
- Long life Li-Ion batteries
- Data logging and RS 232 output capability
- Intrinsically safe

**HNL Systems Pvt. Ltd.**

Administrative & Sales Office: 25/N, Laxmi Industrial Estate, New Link Road, Andheri (W), Mumbai – 400 053, India. Tel : +91 22 4295 2180 / 81.

[www.hnlsystems.com](http://www.hnlsystems.com) | [sales@hnlsystems.com](mailto:sales@hnlsystems.com) | <https://www.facebook.com/HNLSYS>

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Model : GD - 102 D/P



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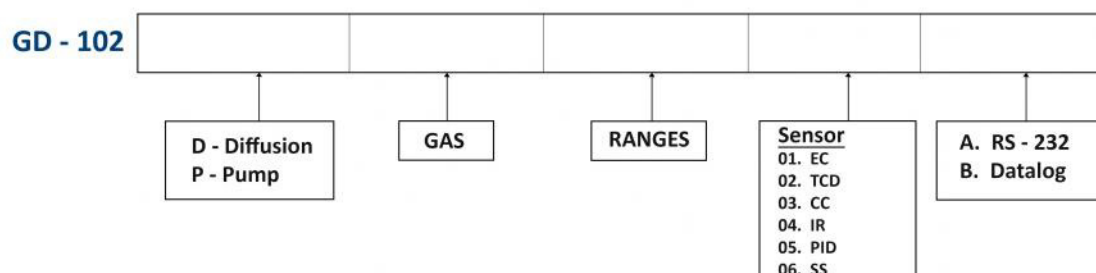
## SPECIFICATIONS

Type	Portable
Detectable gases / parameters	All including / Volatile Organic Compounds
Electronics / processor	Micro-controller
Power supply	Li-ion battery with charger
Display	Graphic LCD
Alarm	Audio / visual
Digital output	RS - 232, Data logger
Technology	Sensor specific
Range resolution	0.1
Accuracy	± 2% FS & 0.5% for O <sub>2</sub>
Response time	Sensor specific
Operating temperature	0 to 55 °C
Sampling / input	Diffusion or Suction
Housing / case	ABS HI-Impact Plastic
Included accessories	Carrying case
Optional accessories	Sampling probe with pump
Humidity	5% to 90% non-condensing
External dimension	225 X 106 X 40 mm approximately
Weight	750 gm (gross)
Approvals	CMRI, DGMS

## GASES AND RANGES

1. CO : 0 - 500 / 0 - 2000 PPM	5. H <sub>2</sub> S : 0 - 200 PPM	09. SO <sub>2</sub> : 0 - 20 / 0 - 2000 PPM
2. NH <sub>3</sub> : 0 - 100 / 0 - 500 PPM	6. NO : 0 - 10 / 0 - 5000 PPM	10. NO <sub>2</sub> : 0 - 200 / 0-2000 PPM
3. Cl <sub>2</sub> : 0 - 10 / 0 - 50 PPM	7. O <sub>2</sub> : 0 - 25 % V/V	11. HBr : 0 - 5 / 0 - 200 PPM
4. CO <sub>2</sub> : 0 - 100 % V/V	8. H <sub>2</sub> : 0 - 1000 % V/V	12. HC/LPG/H <sub>2</sub> : 0 - 100 %LEL

## ORDERING INFORMATION



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