

Portable / Handheld Multi Gas Detector

Model : GD - 102 D/P



Protects **Personnel, Plant
& Assets**



COMPACT RUGGED & INTELLIGENT INSTRUMENT FOR AMBIENT MONITORING, PRE-ENTRY CHECK, QUALITY CONTROL PROCESS OR EMISSION GAS ANALYSIS, FUEL COMBUSTION OPTIMIZATION

TECHNOLOGY

It's simple 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. ON/OFF, FN and EN are the three keypad switches provided on the instrument panel.

SPECIAL FEATURES

- Automatic operation
- Self diagnostic check
- Proven sensor technology
- Accommodate up to four sensors
- Continuous, stable alphanumeric display
- Diffusion or suction sampling
- Long life rechargeable 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 | sales@hnlsystems.com | <https://www.facebook.com/HNLSYS>

Portable / Handheld Multi Gas Detector

Model : GD - 102 D/P



Protects **Personnel, Plant
& Assets**

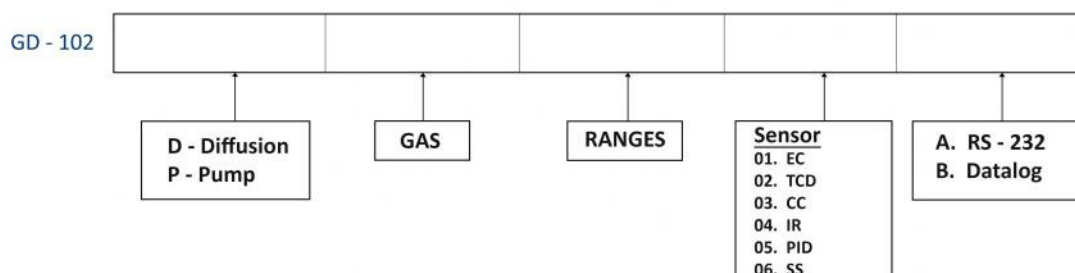
SPECIFICATIONS

Type	Portable
Detectable gases / parameters	All including / volatile organic compounds
Electronics / processor	Micro-controller
Power supply	Rechargeable battery with charger
Display	Graphic LCD
Alarm	Audio / visual
Output	RS - 232, Data logger
Technology	Sensor specific
Range resolution	1 %V/V / 1 %LEL / 1 PPM / 1 $\mu\text{g}/\text{m}^3$
Accuracy	$\pm 2\%$ FS & 0.5 % for O ₂
Response time	Less than 15 sec
Operating temperature	0 to 55 °C
Sampling / input	Diffusion or suction
Housing / case	ABS HI-Impact Plastic
Included accessories	Leather carry case
Optional accessories	Sampling probe with pump
Applications	Ambient monitoring / gas leakage
Humidity	5% to 90% non-condensing
External dimension	225 X 106 X 40 mm approximately
Weight	750 gm (gross)

GASES AND RANGES

1. CO : 0 - 500 / 0 - 2000 PPM : 0 - 500 $\mu\text{g}/\text{m}^3$, 0 - 10 % V/V	5. H ₂ S : 0 - 2000 PPM	10. SO ₂ : 0 - 20 / 0 - 2000 PPM
2. NH ₃ : 0 - 500 / 0 - 1000 PPM	6. NO : 0 - 10 / 0 - 5000 PPM	11. NO ₂ : 0 - 200 / 0-2000 PPM
3. Cl ₂ : 0 - 500 PPM	7. O ₂ : 0 - 25 / 0 - 100 % V/V	12. HBr : 0 - 5 / 0 - 200 PPM
4. CO ₂ : 0 - 100 % V/V	8. H ₂ : 0 - 5 / 0 - 100 % V/V	13. HC/LPG : 0 - 100 %V/V or LEL
	9. O ₃ : 0 - 500 $\mu\text{g}/\text{m}^3$	14. Efficiency : 0 - 99 %

ORDERING INFORMATION :



Note : Specifications and Features will vary with application. There may be changes overtime due to continuous development process.
@ 2017

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 | sales@hnlsystems.com | <https://www.facebook.com/HNLSYS>