

# Portable / Handheld Pocket Gas Monitor

Model : GD - 100



Protects **Personnel, Plant  
& Assets**



**COMPACT, LIGHT WEIGHT INTELLIGENT UNIT WITH A BROAD SPECTRUM OF FEATURES TO  
DETECT TOXIC GASES AND OXYGEN DEFICIENCY**

## TECHNOLOGY

The advanced micro-controller technology employed makes these alert meters highly dependable, reliable and accurate. The complete automatic operation and calibration feature leaves no scope for user error. These compact, self contained and intrinsically safe designs are housed in a weather proof and dust resistant high impact plastic.

## SPECIAL FEATURES

- GD-100 is a rugged and portable instrument
- Compact size helps you carry it in hand/pocket
- Long battery life
- Alphanumeric LCD display with back-light.
- Adjustable alarm setting
- Auto zero with fresh air as sample gas
- Easy to handle and user friendly operation
- Good sensitivity provides accurate readings

## APPLICATIONS

- Refineries
- Petrochemicals
- Oil and gas
- Pharmaceutical
- Steel
- Fertilizers
- Process industries

**HNL Systems Pvt. Ltd.**

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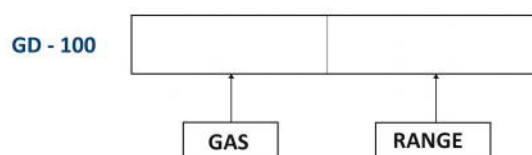
## SPECIFICATIONS

Type	Portable, Pocket - size
Detectable gases / parameters	Toxic gases, oxygen
Electronics / processor	Micro-controller
Power supply	3.6 V DC Lithium battery
Display	LCD ( 1999 digits)
Alarm	LOW & HI audio / visual (Inbuilt low battery alarm)
Technology / Sensor	EC
Resolution	1 PPM or 0.1 PPM
Accuracy	± 2% of range / 0.5 % of O <sub>2</sub>
Response time	Less than 10 sec
Operating temperature	0 to 55 °C
Sampling	Diffusion
Housing	High Impact ABS
Included accessories	Leather case, 3.6 V Lithium battery
Sensor life	Approx. 2 - 3 years
Measurement	Continuous
Repeatability	± 1 %.
Linearity	± 2 %
Relative humidity	0 - 95 %
Dimensions	109 x 65 x 25 mm
Weight	125 gm

## GASES AND RANGES

1. CO : 0 - 20 / 0-4000 PPM	5. H <sub>2</sub> S : 0 - 5 / 0-1000 PPM	10. SO <sub>2</sub> : 0-20 / 0-2000 PPM
: 0-10 %V/V	6. NO : 0 - 10 / 0-5000 PPM	11. NO <sub>2</sub> : 0 - 3 / 0-1000 PPM
2. NH <sub>3</sub> : 0 - 10 / 0-1000 PPM	7. O <sub>2</sub> : 0 - 25 / 0-100 % V/V	12. HCN : 0 - 10 / 0-200 PPM
3. Cl <sub>2</sub> : 0 - 3 / 0-2000 PPM	8. HBr : 0 - 5 / 0-200 PPM	13. H <sub>2</sub> : 0 - 1000 PPM
4. HCl/HF : 0 - 5 / 0-200 PPM	9. Br <sub>2</sub> / F <sub>2</sub> : 0 - 3 / 0-2000 PPM	

## ORDERING INFORMATION :



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