

Personal Gas Monitor

Portable / Handheld Model : GD - 101



Protects **Personnel, Plant & Assets**



COMPACT, LIGHT WEIGHT, INTELLIGENT UNIT WITH APPLICATION SPECIFIC SENSORS SENSITIVE TO PPB / PPM Or PERCENTAGE LEVELS OF GASES & VAPOURS

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 instrument housed in a weather proof, high impact plastic case are powered with a replaceable 6 V DC battery.

On switching 'ON', the instrument goes thorough its complete self integrity check, and displays factory set 'Warn' and 'Alarm' values, before indicating 'Ready' for monitoring.

While in operation, the instrument monitors the work place continuously, giving the latest updated concentration of designated gas through diffusion sampling. Suction sampling is possible with an optional manual or battery operated pump and adapter. The poison resistant Pellister or long life, integrally mounted electrochemical sensors with inbuilt cross interference filters are gas specific. Optionally the sensors can be mounted on an extension cable for monitoring inaccessible locations before entry.

SPECIAL FEATURES

- Complete automatic operation.
- Graphic LCD display
- Continuous diffusion / suction sampling
- Complete self integrity check on start
- Automatic calibration
- Display of WARN & ALARM
- Low battery alarm
- 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>

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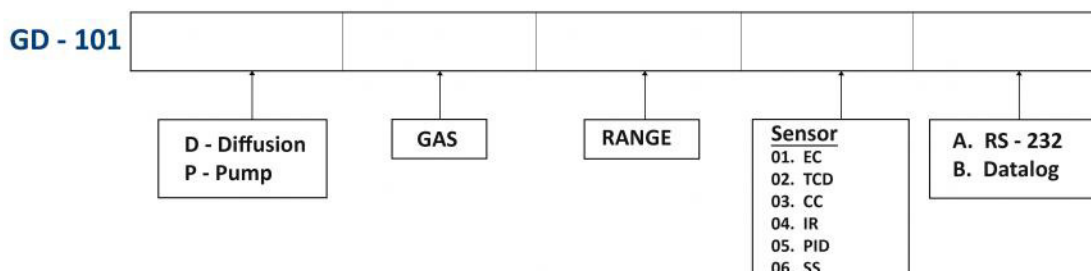
SPECIFICATIONS

Type	Portable
Detectable gases / parameters	Toxic, Explosion, Oxygen
Electronics / processor	Micro-controller
Power supply	Rechargeable Lithium Batteries
Display	Alpha numeric LCD
Alarm	Audio visual
Output	RS 232, data logger
Technology	Sensor specific
Resolution	1 %V/V, 1 %LEL, 1 PPM, 1 PPB
Accuracy	± 2% for other gases & ± 0.5 % for oxygen
Response time	Less than 15 sec
Operating temperature	0 - 55 °C
Sampling / input	Diffusion / auto suction
Housing / case	Hi impact plastic
Included accessories	Leather carry case, charger
Optional accessories	Calibration adapter
Industries	Petrochemicals, pharmaceutical, process industry, labs
Sensor life	3 - 5 years
Measurement	Continuous
Size	119 (H) x 80 (L) x 25 (B) mm
weight	135 gm
Warranty	1 year

GASES & RANGES

H ₂	: 0 - 5 / 0 - 100	% V/V	Chlorine	: 0 - 5 / 0 - 500	PPM	CO ₂	: 100	%V/V
CO ₂	: 0 - 10	% V/V	CO	: 0 - 500 / 0 - 4000	PPM	SO ₂	: 0 - 20 / 0 - 2000	PPM
H ₂ S	: 0 - 50 / 0 - 500	PPM	NO ₂	: 0 - 20 / 0 - 200	PPM	NO _x	: 0 - 1999	PPM
Oxygen	: 0 - 25 / 0 - 100	% V/V	NO	: 0 - 10 / 0 - 1000	PPM	Hydrocarbon	: 0 - 100	%LEL
NH ₃	: 0 - 500	PPM	C ₂ H ₄	: 0 - 100 / 0 - 500	PPM			

ORDERING INFORMATION :



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