

Portable / Handheld Multi Gas Monitor

Model : GD - 102 D/P



GD-102 with leather carry case and charger

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.

Operation:

Start-up: 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. Following are the control switches provided on the instrument:

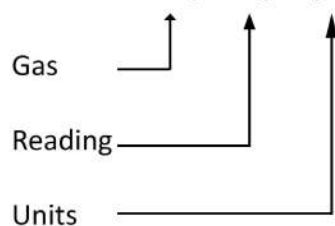
ON / OFF switch: Pressing ON / OFF switch, the sampling gets initiated through suction and after start-up, the GD - 102 displays the readings digitally

Function key: Enables the user to set the parameters of the GD - 102 digitally, for a particular gas / parameter, along with the help of Enter key.

Enter key: Enables the user to choose a particular menu of interest, and increment / decrement the parameter values of the GD - 102 functions digitally.

ORDERING INFORMATION

GD 102 - CO, 100, % / PPM



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.

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GASES AND RANGES Gases and ranges are only indicative . Contact HNL for special gas / vapour or range

1. CO : 0 - 500/4000 PPM / 10% V/V	2. H ₂ S : 0 - 50/500 PPM	3. SO ₂ : 0-20/2000 PPM
4. NH ₃ : 0 - 100 / 500 PPM	5. NO : 10/5000 PPM	6. NO ₂ : 0-200/2000 PPM
7. Cl ₂ : 0 - 5/500 PPM	8. O ₂ : 0 - 25%/100 %	9. HBr : 0-5/200 PPM
10. CO ₂ : 0 - 100 % V/V	11. H ₂ : 0 - 5% / 100 %	12. CH ₄ : 0-100 % V/V 0-100 % LEL

SPECIFICATIONS

Features:	:	Dual sense, smart instrument, diffusion or suction, auto operation, continuous measurement, self diagnostic check
Detectable gases / parameters	:	All including / volatile organic compounds
Electronics / processor	:	Micro-controller
Power supply	:	Rechareable battery with charger
Display	:	Graphic LCD
Alarm	:	Audio / visual
Output	:	RS - 232, Data logger
Sensor technology	:	All gaseous sensors
Range resolution	:	% V/V / % LEL / PPM
Accuracy	:	± 2 % & 0.5 % for O ₂
Response time	:	Less than 15 sec
Operating temperature	:	0 to 55 °C
Sampling / input	:	Diffusion or suction
Housing / case	:	Plastic / NEMA IP 65
Included accessories	:	Leather carry case
Optional accessories	:	Extra micron filter, sampling probe with pump, Add-on sensor for diffusion / sampling
Applications	:	Ambient monitoring / gas leakage
Industries	:	All / including using any gases, explosive, chemical, petrochemical, process industries

OTHER SPECIFICATIONS

Humidity	:	5% to 90% non-condensing
External dimension	:	225 X 106 X 40 mm approximately
Weight	:	750 gm (gross)