

INTRODUCTION

The Metravi GD-09-X series is a single gas detector which adopts advanced sensor and micro control technique, is easy to operate, has quick response, high accuracy and features great stability & repeatability.

The detector comes with an in-built, rechargeable lithium battery with long standby and a big, back-lit LCD screen that displays all readings clearly and gas concentration values perfectly.

The shell is designed using anti-slip material. This small, portable and explosion proof instrument is ideal for applications involving toxic gas leaks and rescues in underground pipes, tunnels and mines.

The GD-09-X series can be customised for more than 30 types of gases, as per the requirement. Multi-gas detectors are also available and customisable for required permutation and combination of gases.

MAIN FEATURES



Industrial sensor



Sound, light & vibration alarm



Large capacity rechargeable battery



Cost effective



Fast response

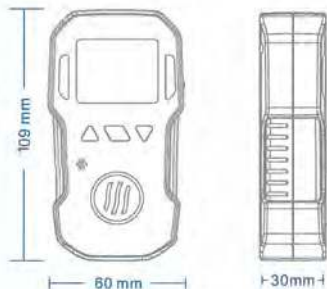


IP65 Fire water & dust proof



TECHNICAL DATA

Gas Sampling Method	: Natural Diffusion
Alarm Methods	: Light, Sound & Vibration
Sensor Life	: 2 years
Display	: 1.77 inch backlit display
Power	: 3.7V Rechargeable Lithium Battery
Operating Time	: 8 hours continuous (after full charge)
Charging Time	: 4-6 hours
Operating Temperature	: -20° to 50°C
Explosion Proof Certifications	: Exib 11B T3 Gb



Size: 109x60x30mm



*Technical Specifications & Appearance are subject to change without prior notice

SINGLE GAS DETECTOR OPTIONS

Model	Gas Detected	Range	Low Alarm	High Alarm
GD-09 CH4	Methane	0-100%LEL	20%LEL	50%LEL
GD-09 C3H8	Propane	0-100%LEL	20%LEL	50%LEL
GD-09-H2-A	Hydrogen	0-100%LEL	20%LEL	50%LEL
GD-09-H2-B	Hydrogen	0-1000ppm	35ppm	250ppm
GD-09-H2S-A	Hydrogen Sulfide	0-100ppm	10ppm	15ppm
GD-09-H2S-B	Hydrogen Sulfide	0-100ppm	10ppm	20ppm
GD-09-CO-A	Carbon Monoxide	0-1000ppm	35ppm	200ppm
GD-09-CO-B	Carbon Monoxide	0-1000ppm	30ppm	60ppm
GD-09-CO-C	Carbon Monoxide	0-2000ppm	50ppm	150ppm
GD-09-C2H4O-A	Ethylene Oxide	0-20ppm	10ppm	15ppm
GD-09-C2H4O-B	Ethylene Oxide	0-100ppm	10ppm	15ppm
GD-09-C2H4-A	Ethylene	0-100%LEL	20%LEL	50%LEL
GD-09-C2H4-B	Ethylene	0-20ppm	5ppm	10ppm
GD-09-O2	Oxygen	0-30%vol	19.5%vol	23.5%vol
GD-09-C2H5OH	Ethyl Alcohol	0-100%LEL	20%LEL	50%LEL
GD-09-NH3	Ammonia	0-100ppm	25ppm	50ppm
GD-09-CL2-A	Chlorine	0-20ppm	5ppm	10ppm
GD-09-CL2-B	Chlorine	0-50ppm	5ppm	10ppm
GD-09-O3-A	Ozone	0-20ppm	5ppm	10ppm
GD-09-O3-B	Ozone	0-10ppm	2ppm	5ppm
GD-09-SO2-A	Sulfur Dioxide	0-20ppm	2ppm	5ppm
GD-09-SO2-B	Sulfur Dioxide	0-100ppm	2ppm	5ppm
GD-09-PH3-A	Phosphane	0-20ppm	0.3ppm	5ppm
GD-09-PH3-B	Phosphane	0-5ppm	0.3ppm	2ppm
GD-09-CO2-A	Carbon Dioxide	0-5000ppm	1000ppm	2000ppm
GD-09-CO2-B	Carbon Dioxide	0-50000ppm	1000ppm	2000ppm
GD-09-NO	Nitrous Oxide	0-250ppm	20ppm	50ppm
GD-09-NO2	Nitrogen Dioxide	0-20ppm	5ppm	10ppm
GD-09-N2	Nitrogen	70-100%vol	76%vol	82%vol
GD-09-HCN-A	Hydrogen Cyanide	0-10ppm	10ppm	20ppm
GD-09-HCN-B	Hydrogen Cyanide	0-50ppm	10ppm	20ppm
GD-09-HCL-A	Hydrogen Cyanide	0-500ppm	10ppm	20ppm
GD-09-HCL-B	Hydrogen Chloride	0-10ppm	10ppm	10ppm
GD-09-HCL-C	Hydrogen Chloride	0-50ppm	10ppm	20ppm
GD-09-CH2O	Formaldehyde	0-10ppm	2ppm	5ppm
GD-09-VOC-A	Volatile Organic Compounds	0-100ppm	20ppm	50ppm
GD-09-VOC-B	Volatile Organic Compounds	0-1000ppm	50ppm	200ppm
GD-09-C6H6	Benzene	0-100ppm	20ppm	50ppm
GD-09-EX	Explosive Gases	0-100%	20%	50%



**Required Gas or range
not in list above?**

***Ask us for customised,
portable, Single or
Multi Gas Detectors
in required
permutations
and combinations!***

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