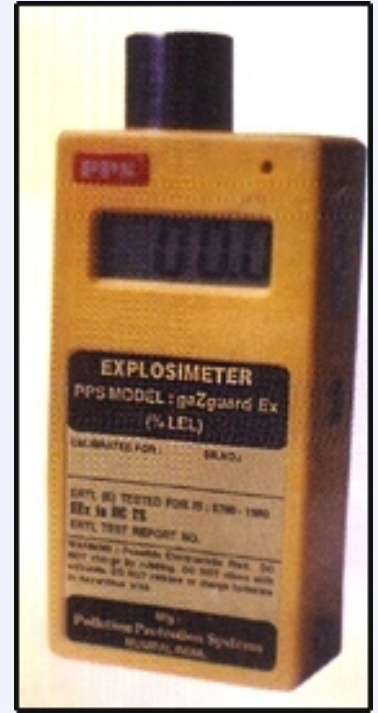


Data Sheet of gaZguard Ex

APPROVALS

- Certified for Intrinsically safe as per IS 5780 (ERTL East)
- Certified for Performance as per IS 9000 (ERTL West)
- BIS Certificate No: - CM / L 7449687 as per IS: 5780
- CCE Approval No: -A/P/HQ/MH/104/518(P55545)



TECHNICAL SPECIFICATION :

Dimension	130mm x 67mm (4.5" x 2.6" x 1.6")
Weight	450 gms. (With Batteries)
Accessories	Standard:- Carrying Case Batt. Charger Optional Aspirator adaptor
Sensor Type	Catalytic
Sensor Life	4 to 5 years (in fresh air)
Measurement Range	0 - 100% LEL
Resolution	0.1%
Response Time	T90 < 15 Sec.
Display	3 ½ Digit standard alarm levels.
Standard Alarm Levels	40% LEL
Optional Alarm Indication	As per specification
Alarm Indication	Pulsation / Continuous red LED with audible, 90 db at 1 Meter
Battery	Standard: Rechargeable 4 X AA cells Optional: Disposable
Battery Life	4 hrs. Continuous
Oper. Temperature	-10 deg C to 50 deg C. (14 deg F to 122 deg F)
Humidity	0 - 95% RH Non - Condensing
Setting	Zero / Span accessible from outside

Almost all hydrocarbons could be detected. Please refer chart enclosed.

Note:

v For quotation or any other information email at:

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Gas	Chemical Formula	% LEL in Volume	TLV PPM
Acetaldehyde	CH ₂ COOH	5.1	100
Acetic acid	CH ₃ COOH	5.4	10
Acetone	CH ₃ COCH ₃	2.6	1000
Acetylene	C ₂ H ₂	2.5	F
Benzene	C ₆ H ₆	1.3	25
n-Butane	C ₄ H ₁₀	1.9	500
iso-Butane		1.8	-
Butane 1	C ₄ H ₈	1.6	
Ethane	C ₂ H ₆	3.0	F
Ethyl Benzene	C ₆ H ₅ CH ₂	1.0	100
Ethylene Oxide	C ₂ H ₄ O	3.0	50
n-Heptane	C ₇ H ₁₆	1.2	500
n-Hexane	C ₆ H ₁₄	1.1	500
Hydrogen	H ₂	4.0	F
Methane	CH ₄	5.3	F
Methyl Alcohol		7.3	200
Methyl amine		4.9	10
Napthalene		0.9	10
n-Nonane	C ₉ H ₂₀	0.8	-
n-Octane	C ₈ H ₁₈	1.0	400
n-Pentane	C ₅ H ₁₂	1.5	500
iso- Pentane		1.5	-
Propane	C ₃ H ₈	2.2	F
Propylene	C ₃ H ₆	2.0	-
Toluene	C ₇ H ₈	1.2	100
O-Xylene		1.0	100
m-Xylene		1.1	-
p-Xylene		1.1	-
Xylene	C ₈ H ₁₀	1.1	-
Leaded Petrol		1.4	-
Unleaded Petrol		1.4	-
Cyclo Hexane		12.5	-
Ethyl Acetate		2.2	-
Methyl Ethyl ketone		1.9	-
Iso-Propyl Alcohol		2.2	-
Methanol		-	-
Ethylene		-	-
Ethanol		-	-
Propane 2		-	-
Butan-2-one (MEK)		-	-
M I B K		-	-
Di-Ethyl Ether		-	-
Formal Dyhide (FD)		-	-
Nitro Benzene (NB)		-	-
Aneline (AN)		-	-