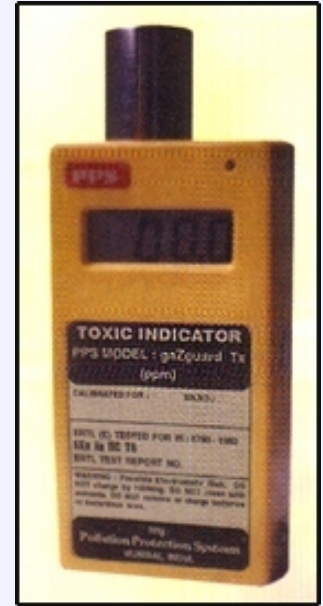


## Data Sheet of gaZguard Tx



### 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	Electrochemical / Semiconductor
Sensor Life	Max. 2 to 3 years (in fresh air)
Measurement Range	Depending on gas <a href="#">Sensor Chart</a>
Resolution	1ppm / 0.5 ppm (Depending upon sensor) <a href="#">Sensor Chart</a>
Response Time	T90 < 40 Sec. (Depending upon sensor) <a href="#">Select Chart</a>
Display	3 ½ Digit standard alarm levels.
Standard Alarm Levels	At TLV
Optional Alarm Indication	As per specification
Alarm Indication	Pulsating / Continuous red LED with audible, 90 db at 1 Meter
Battery	Standard: Rechargeable 4 X AA cells Optional: Disposable
Battery Life	12 - 15 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

Note: For Different Ranges of Gases please refer the chart enclosed.

Note:

✓ For quotation or any other information email at:

polutn.purvi@vsnl.com

ptpl@bom5.vsnl.net.in

## Chart For Different Ranges For Different Gases

Gas	Chemical Formula	Sensor Life	Range in ppm	Resolution in ppm
Ammonia	NH <sub>3</sub>	2 Years in Air	0 – 100	1
Arsine	AsH <sub>3</sub>	2 Years in Air	0 – 5	0.05
Bromine	Br	2 Years in Air	0 – 50	0.1
Carbon Monoxide	Co	2 Years in Air	0 – 1000	1
Chlorine	Cl <sub>2</sub>	2 Years in Air	0 – 20	0.1
Diborane	B <sub>2</sub> H <sub>6</sub>	2 Years in Air	0 – 5	0.05
Ethanol	C <sub>2</sub> H <sub>5</sub> OH	2 Years in Air	0 – 20	0.1
Ethylene Oxide	Eo	2 Years in Air	0 – 20	0.1
Germane	GeH <sub>4</sub>	2 Years in Air	0 – 5	0.05
Hydrazine	N <sub>2</sub> H <sub>4</sub>	1 Years in Air	0 – 1	0.01
Hydrogen	H <sub>2</sub>	2 Years in Air	0 – 1000	2
Hydrogen Chloride	HCL	2 Years in Air	0 – 50	1
Hydrogen Cyanide	HCN	2 Years in Air	0 – 100	1
Hydrogen Fluoride	HF	1 Years in Air	0 – 10	0.2
Hydrogen Sulphide	H <sub>2</sub> S	2 Years in Air	0 – 200	1
Methyl Ethyl Ketone	MEK	2 Years in Air	0 – 20	0.1
Nitric Oxide	NO	2 Years in Air	0 – 100	0.5
Nitrogen Dioxide	NO <sub>2</sub>	2 Years in Air	0 – 20	0.1
Ozone	O <sub>3</sub>	2 Years in Air	0 – 2	0.02
Phosgene	CoCl <sub>2</sub>	1 Years in Air	0 – 1	0.02
Phosphine	Ph <sub>3</sub>	2 Years in Air	0 – 5	0.05