

Data Sheet of gaZguard Tx SO

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Sulphur Dioxide Detector (SO2)

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
Measurement Range	:	0 – 100 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 1% FSD
Resolution	:	1ppm
Response Time	:	T90 < 40 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 to 3 years (in fresh air)

Note:

- ❖ For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx NO

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Nitric Oxide Detector (NO)

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
Measurement Range	:	0 – 25/100/250/500 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 1% FSD
Resolution	:	1ppm
Response Time	:	T90 < 40 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 to 3 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx NO2

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Nitrogen Dioxide Detector (NO2)

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
Measurement Range	:	0 – 20/50 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 1% FSD
Resolution	:	1ppm
Response Time	:	T90 < 40 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 to 3 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx CO

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **Eex ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Carbon Monoxide Detector (CO)

TECHNICAL SPECIFICTION:

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
Measurement Range	:	0 – 100/ 500/1000 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 1% FSD
Resolution	:	1ppm
Response Time	:	T90 < 40 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
In Board Filter	:	To remove H2S,SO2,& Acid gases.
Sensor Life	:	Max. 2 to 3 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx CO2

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Carbon Dioxide Detector (CO2)

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
Measurement Range	:	0 – 5000 ppm OR (0 – 5% V/V.)
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	1ppm OR (1% V/V.)
Response Time	:	T90 < 20 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Infra Red (NDIR – Non Dispersive Infra Red)
Sensor Life	:	Max. 5 to 8 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx Cl

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Chlorine Detector (CL2)

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
Measurement Range	:	0 – 20 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	0.1ppm
Response Time	:	T90 < 25 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx HCL

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Hydrogen Chloride Detector (HCL)

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
Measurement Range	:	0 – 20/30 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	1ppm
Response Time	:	T90 < 30 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx HCN

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687** as per **IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Hydrogen Cyanide Detector (HCN)

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
Measurement Range	:	0 – 30 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	1ppm
Response Time	:	T90 < 30 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx Hz

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Hydrazine Detector (N2H4)

TECHNICAL SPECIFICATION:

Dimension	:	130mm x 67mm (4.5" x 2.6" x 1.6")
Weight	:	450 gms. (With Batteries)
Accessories	:	Standard: - Carring Case Batt. Charger Optional: - Aspirator adaptor
Measurement Range	:	0 – 1 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	0.01ppm
Response Time	:	T90 < 30 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx Oz

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Ozone Detector (O3)

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
Measurement Range	:	0 – 1/5 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	0.01ppm
Response Time	:	T90 < 30 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx PHGN

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Phosgene Detector (COCL2)

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
Measurement Range	:	0 – 1 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	0.1ppm
Response Time	:	T90 < 30 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx SLN

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Silane Detector (SiH4)

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
Measurement Range	:	0 – 50 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	1ppm
Response Time	:	T90 < 60 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx THT

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Tetrahydrothiophene Detector (THT)

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
Measurement Range	:	0 – 50 ppb
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	1ppb
Response Time	:	T90 < 30 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx FL

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Fluorine Detector (F2)

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
Measurement Range	:	0 – 1 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	0.02 ppm
Response Time	:	T90 < 80 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx CLO2

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Chlorine Dioxide Detector (CLO2)

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
Measurement Range	:	0 – 1 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	0.03ppm
Response Time	:	T90 < 60 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx ASN

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Arsine Detector (AsH3)

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
Measurement Range	:	0 – 1 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	0.1ppm
Response Time	:	T90 < 30 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx AMN

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Ammonia Detector (NH3)

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
Measurement Range	:	0 – 100 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	1ppm
Response Time	:	T90 < 60 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx FD

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **EEx ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Formaldehyde Detector (FD)

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
Measurement Range	:	0 – 10 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 10 of Test Gas Concentration
Resolution	:	1ppm
Response Time	:	T90 < 60 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com

Data Sheet of gaZguard Tx H2S

APPROVALS:

- Tested for Intrinsically safe as per **IS 5780-2002{IEC-60079-11(1999)}**
- Tested for Performance as per **IS 9000 (ERTL WEST)**
- Tested by **CENTRAL INSTITUTE OF MINING & FUEL REASERCH LAB.(CMRI)**
- Approved for **Eex ia IIC T4/T6**
- BIS Certificate No: - **CM / L – 7449687 as per IS: 5780**
- CCE Approval No: -**A/P/HQ/MH/104/518(P55545)**



PPS make Portable Hydrogen Sulphide Detector (H2S)

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
Measurement Range	:	0 – 100/ 500/1000 ppm
Display	:	Liquid Crystal Display (LCD)
Standard Alarm Levels	:	At TLV
Optional Alarm Levels	:	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
Accuracy	:	+/- 1% FSD
Resolution	:	1ppm
Response Time	:	T90 < 40 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
In Board Filter	:	To remove SO2 & Acid gases.
Sensor Life	:	Max. 2 to 3 years (in fresh air)

Note:

For quotation or any other information email at: polutn.purvi@vsnl.com