## Data Sheet of gaZguard Tx SO

#### **APPROVALS:**

- Fested 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 SPECIFIACTION:

TECHNICAL SI ECHIACTION.			
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 – 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	:	<b>Standard:</b> 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	
Resolution Response Time	:	1ppm T90 < 40 Sec.	
	:		
Response Time	•	T90 < 40 Sec.	
Response Time Setting	•	T90 < 40 Sec. Zero/ Span accessible from outside	

### Note:

## **Data Sheet of gaZguard Tx NO**

### **APPROVALS:**

- Fested 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 SPECIFIACTION:**

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 – 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	:	<b>Standard:</b> 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)
Selisor Life	•	Max. 2 to 5 years (in fresh air)

#### Note:

# **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 SPECIFIACTION:**

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 – 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	:	<b>Standard:</b> 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
~ =		T1 4 1 ' 1
Sensor Type	:	Electrochemical
Sensor Type Sensor Life	:	Max. 2 to 3 years (in fresh air)

#### Note:

## **Data Sheet of gaZguard Tx CO**

#### **APPROVALS:**

- Fested 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 SPECIFIACTION:

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 – 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	:	<b>Standard:</b> 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:

# **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 SPECIFIACTION:

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 – 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	:	<b>Standard:</b> 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:

## **Data Sheet of gaZguard Tx Cl**

### **APPROVALS:**

- Fested 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 SPECIFIACTION:

1 Meter
l Meter
1 Meter
l Meter

#### Note:

## 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 SPECIFIACTION:

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 – 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	:	<b>Standard:</b> 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:

## **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 SPECIFIACTION:

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 – 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	:	<b>Standard:</b> 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:

## Data Sheet of gaZguard Tx Hz

### **APPROVALS:**

- Fested 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 SPECIFIACTION:

mm x 67mm (4.5" x 2.6" x 1.6") gms. (With Batteries) dard: - Carring Case Batt. Charger donal: - Aspirator adaptor  1 ppm did Crystal Display (LCD) CLV Deer specification  1 ppm (Continuous red LED with audible 20 db at 1 Mater
adard: - Carring Case Batt. Charger ional: - Aspirator adaptor  1 ppm aid Crystal Display (LCD) CLV per specification
ional: - Aspirator adaptor  1 ppm  nid Crystal Display (LCD)  CLV  per specification
1 ppm uid Crystal Display (LCD) CLV per specification
nid Crystal Display (LCD) CLV Der specification
CLV per specification
per specification
•
oting / Continuous rad I ED with audible 00 db at 1 Mater
ating / Continuous red LED with audible, 90 db at 1 Meter
ndard: Rechargeable 4 x AA cells
ional: Disposable
- 15 hrs. Continuous
deg C to 50 deg C. (14 deg F to 122 deg F)
95% RH Non – Condensing
10 of Test Gas Concentration
ppm
< 30 Sec.
o/ Span accessible from outside
etrochemical
deg C to 50 deg C. (14 deg F to 122 deg F)  95% RH Non – Condensing  10 of Test Gas Concentration  ppm  < 30 Sec.  o/ Span accessible from outside

#### Note:

## 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 SPECIFIACTION:

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 – 1/5 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	:	<b>Standard:</b> 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:

## **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 SPECIFIACTION:

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	:	<b>Standard:</b> 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:

## **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 SPECIFIACTION:

Meter

### Note:

## **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 SPECIFIACTION:**

Meter

#### Note:

## Data Sheet of gaZguard Tx FL

### **APPROVALS:**

- Fested 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 SPECIFIACTION:

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	:	<b>Standard:</b> 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:

## **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 SPECIFIACTION:**

TECHNICAL SPECIFIC	ACI	ION.
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	:	0.03ppm
Response Time	:	T90 < 60 Sec.
Setting	:	Zero/ Span accessible from outside
Sensor Type	:	Electrochemical
Sensor Life	:	Max. 2 years (in fresh air)

#### Note:

# Data Sheet of gaZguard Tx ASN

### **APPROVALS:**

- Fested 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 SPECIFIACTION:

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	:	<b>Standard:</b> 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:

## **Data Sheet of gaZguard Tx AMN**

#### **APPROVALS:**

- Fested 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 SPECIFIACTION:

TECHNICAL SPECIFIC	TECHNICAL SPECIFIACTION:		
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 – 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	:	<b>Standard:</b> 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:

## **Data Sheet of gaZguard Tx FD**

### **APPROVALS:**

- Fested 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 SPECIFIACTION:

TECHNICAL SI ECIFI	TECHNICAL SPECIFIACTION:		
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 – 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	:	<b>Standard:</b> 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:

## **Data Sheet of gaZguard Tx H2S**

#### **APPROVALS:**

- Fested 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 SPECIFIACTION:**

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 - 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)			
Accessories : Standard: - Carring 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.	Dimension	:	130mm x 67mm (4.5" x 2.6" x 1.6")
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.	Weight	:	450 gms. (With Batteries)
Measurement Range:0 - 100/ 500/1000 ppmDisplay:Liquid Crystal Display (LCD)Standard Alarm Levels:At TLVOptional Alarm Levels:As per specificationAlarm Indication:Pulsating / Continuous red LED with audible, 90 db at 1 MeterBattery:Standard: Rechargeable 4 x AA cellsOptional: DisposableBattery Life:12 - 15 hrs. ContinuousOper. Temperature:-10 deg C to 50 deg C. (14 deg F to 122 deg F)Humidity:0 - 95% RH Non - CondensingAccuracy:+/- 1% FSDResolution:1ppmResponse Time:T90 < 40 Sec.	Accessories	:	Standard: - Carring Case Batt. Charger
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.			Optional: - Aspirator adaptor
Standard Alarm Levels Optional Alarm Levels As per specification Alarm Indication Battery Batt	Measurement Range	:	0 – 100/ 500/1000 ppm
Optional Alarm Levels Alarm Indication Battery Battery Standard: Rechargeable 4 x AA cells Optional: Disposable Battery Life Disposable  Battery Life 12 - 15 hrs. Continuous Oper. Temperature 1 - 10 deg C to 50 deg C. (14 deg F to 122 deg F) Humidity 1 - 95% RH Non - Condensing Accuracy 1 +/- 1% FSD Resolution 1 ppm Response Time 1 T90 < 40 Sec. Setting 2 Zero/ Span accessible from outside Sensor Type 1 Electrochemical In Board Filter 1 To remove SO2 & Acid gases.	Display	:	Liquid Crystal Display (LCD)
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.	Standard Alarm Levels	:	At TLV
Battery  Coptional: Disposable  Battery Life  Battery Life  12 – 15 hrs. Continuous  Oper. Temperature  -10 deg C to 50 deg C. (14 deg F to 122 deg F)  Humidity  -10 FSD  Resolution  Response Time  To remove SO2 & Acid gases.	Optional Alarm Levels	:	As per specification
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.	Alarm Indication	:	Pulsating / Continuous red LED with audible, 90 db at 1 Meter
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.	Battery	:	<b>Standard:</b> Rechargeable 4 x AA cells
Oper. Temperature: -10 deg C to 50 deg C. (14 deg F to 122 deg F)Humidity: 0 - 95% RH Non - CondensingAccuracy: +/- 1% FSDResolution: 1ppmResponse Time: T90 < 40 Sec.			Optional: Disposable
Humidity: 0-95% RH Non - CondensingAccuracy: +/- 1% FSDResolution: 1ppmResponse Time: T90 < 40 Sec.	Battery Life	:	12 – 15 hrs. Continuous
Accuracy:+/- 1% FSDResolution:1ppmResponse Time:T90 < 40 Sec.	Oper. Temperature	:	-10 deg C to 50 deg C. (14 deg F to 122 deg F)
Resolution       : 1ppm         Response Time       : T90 < 40 Sec.	Humidity	:	0 – 95% RH Non – Condensing
Response Time: T90 < 40 Sec.Setting: Zero/ Span accessible from outsideSensor Type: ElectrochemicalIn Board FilterTo remove SO2 & Acid gases.	Accuracy	:	+/- 1% FSD
Setting : Zero/ Span accessible from outside Sensor Type : Electrochemical In Board Filter To remove SO2 & Acid gases.	Resolution	:	1ppm
Sensor Type : Electrochemical In Board Filter To remove SO2 & Acid gases.	Response Time	:	T90 < 40 Sec.
In Board Filter To remove SO2 & Acid gases.	Setting	:	Zero/ Span accessible from outside
<u> </u>	Sensor Type	:	Electrochemical
Sensor Life : Max. 2 to 3 years (in fresh air)	In Board Filter		To remove SO2 & Acid gases.
<i>J</i> \	Sensor Life	:	Max. 2 to 3 years (in fresh air)

### Note: