

Gas Detectors



ISO 9001:2000

Portable Gas Detectors



Features

- LCD Indication
- Built-in Pump /Automatic Sampling
- Low and high alarm level
- Alarming level can be specified
- TWA, STEL level available
- Replaceable sensor module
- Excessive high level protection
- Sensor-fault indication
- Rechargeable battery
- Automatic self-testing
- Power ON and Self-test
- Password management
- Intrinsically and Ex-proof
- Long life sensor

Application

- Personal safety
- Oil & Gas, Steel industry
- Coal Mine, Ambient Monitoring
- Mainly in confined place where as the Combustible, Toxic Gas Leakage Happened easily
- Search for Gas Leakage at various application such as Pipe Lines, Manifold Junctions & Valves etc.
- Chemical & Petrochemical Plants
- Offshore Drilling & Processing Platform
- Furnace / Refineries
- Chemical storage area
- Sewage plants
- Power & industrial plants
- Gas metering station

Sensor	Catalytic & Electrochemical		
Detection Gas	Flammable Gas, H2, CO, H2S, O2 as per list		
Alarm	Can be specified		
Response Time	<30s		<25s
Indication	Audio visual and Vibration alarm		Audio Visual Alarm
Working Condition	Temp. -40°C to +70°C Hum. <90% RH		
Working Voltage	DC 3.6 V Li-ion battery	DC 3.7 V Li-ion battery	
Changing Time	(4 to 6) Hours		
Working Time<8th	continuously	Normal: 16 hours	Pump on: 12 hours
Life of sensor	Electrochemical: Expected 2 years & Catalytic: Expected 5 years		
Protection Degree	IP 65, CE & intrinsically safe in IIC T6		
Weight	200g (battery included)	330g (battery included)	450g (including pump)
Dia. (H x W x D)	110mmx60mmx40mm	135mmx80mmx40mm	152mmx85mmx53mm

O ₂	Oxygen	0-30% VOL.
H ₂ S	Hydrogen sulfide	100 PPM
CO	Carbon monoxide	1000/2000 PPM
H ₂	Hydrogen	1000 PPM/100% VOL.
NH ₃	Ammonia	100 PPM
NO ₂	Nitrogen dioxide	30 PPM
NO	Nitric oxide	1000 PPM
HCN	Hydrogen cyanide	100 PPM
HCL	Hydrogen chloride	30 PPM
CL ₂	Chlorine	20 PPM
SO ₂	Sulphur dioxide	100 PPM
Ph ₃	Phosphine	10 PPM
C ₂ H ₄ O	Ethylene oxide	100 PPM
O ₃	Ozone	1 PPM
CO ₂	Carbon dioxide	100% VOL.
C ₂ H ₆	Propane	100% VOL.
CH ₄	Methane	100% LEL

Hydrogen Leak Detector



HGM H-01

Accessories:

- Sensor Cap
- Screw Driver
- AC Adapter
- Detector Bag

Specifications:

- Sensor Code : 7 HYT
- Measuring Principle : Electrochemical Type
- Response Time : <30 seconds
- Sensor Life : One Year in AIR
- Drift Characteristics : <2% Single Loss / Month
- Humidity : 15 to 90% Non-condensing
- Temperature (operating) : -20 °C to +50 °C
- Temperature (storage) : 0-20 °C
- Pressure Dependence : Atmospheric ±10%
- Calibration Frequency : Quarterly (3 months)
- Open Sensor Indication : Display will Read Infinity (1)
- Range : 0-1000 PPM
- Output Linearity : Linear (upto full scale)
- Repeatability : 2% of signal
- Resolution : 2 PPM
- Sample Method : By Diffusion / By Suction
- Audible Alarms : 25% of Nominal Range (Factory set)
- Visual Alarms : LED Indication
- Weight : 0.29 kg.
- Dimensions : 65mm x 42mm x 125mm

PCI-2000 Series

Hand Held Oxygen Analyser



Features:

- Gas purification certification
- Air separators & liquification
- Process monitoring of Gaseous Manometers
- Heat treatment & annealing
- Inert gas welding of Exotic Metals
- Proven reliability, high sensitivity & accuracy
- Long life maintenance free sensor
- Easy to calibrate
- Range: 0.30% Oxygen
- 0.100 % Oxygen (option)
- Size: 170mm x 95mm x 44mm
- Operating Voltage: 9V Battery

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