



The ChemLogic 1-2 Point Continuous Monitor provides field proven ChemLogic Technology for the quick detection of low level toxic and corrosive gases.

It is the next generation of interference free, low maintenance colorimetric gas detection. This system is simple to install and utilizes .25" tubing to allow the sample to be drawn up to 150 Feet (45m).

The ChemLogic Continuous 1-2 point gas monitor provides relay and analog outputs. This new innovative gas detection system enables customers to experience advanced technology at a lower initial investment and reduced cost of ownership.

ChemLogic 1-2 Point Continuous Monitor CL1 / CL2

Features

- New Intelligent Optics
- Optimized Flow System
- 2 Month Cassette
- ChemLogic Technology
- SD Memory Card
- Real Time Display
- Complete Front Access
- Touch Control
- Compact Size
- Remote Reset
- Tape Saver Mode

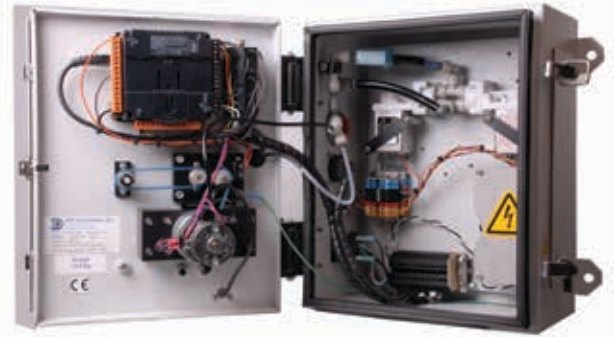
Benefits

- Reduced Maintenance and Risk of False Alarms
- Faster Response
- Reduced Operating Cost
- Field Proven Reliability
- Easily Retrievable Data
- Quick Real Time Information
- Easy To Service
- Easy to Start up & Operate
- Simple to Install
- Ideal for Process Applications
- Reduces Tape Usage During High Concentrations



Technical Specifications

Detection Principle	ChemLogic Technology
Gas Families Available	See Table Below
Monitoring Points	1 (Upgradeable to 2)
Sample Distance	150ft (45m) - .25" OD, .125" ID Teflon FEP
Exhaust Tubing	25ft (7.62m) -.25" OD, .187" ID
Display	HMI
Local Alarm Indication	Visual HMI Display
Relay Outputs	6 amps From C - Programmable Low and High Level Fault
Operating Temperature	40°F - 104°F (5°C - 40°C)
Dimensions	H-12.5"(317.5mm) W- 10.3"(260mm) D-9"(228mm)
Shipping Weight	30lbs. (13.5kg)
Operating Voltage	85 - 264VAC (50/60Hz)
Power Consumption	Less Than 1 Amp
Enclosure	NEMA 4X
Analog Output	4-20ma (500 ohm Max Impedance)



Gas Families Available

Mineral Acids

Boron Trifluoride (BF3)	0-3200 ppb
Hydrogen Bromide (HBr)	0-20 ppm
Hydrochloric Acid (HCl)	0-15 ppm
Hydrogen Fluoride (HF)	0-10 ppm
Nitric Acid (HNO3)	0-6 ppm
Sulfuric Acid (H2SO4)	0-750 ppb

Oxidizers

Chlorine (Cl2)	0-100 ppb
Chlorine (Cl2)	0-3200 ppb
Fluorine (F2)	0-3200 ppb
Nitrogen Dioxide (NO2)	0-30 ppm

Diisocyanates*

HDI	0-100 ppb
HMDI	0-100 ppb
IPDI	0-100 ppb
MDI	0-100 ppb
MDI	0-200 ppb
TDI	0-100 ppb
TDI	0-200 ppb
CHDI	0-100 ppb

Hydrides

Arsine (AsH3)	0-50 ppb
Arsine (AsH3)	0-500 ppb
Diborane (B2H6)	0-1000 ppb
Germane (GeH4)	0-2000 ppb
Hydrogen Selenide (H2Se)	0-500 ppb
Hydrogen Sulfide (H2S)	0-20 ppm
Hydrogen Sulfide (H2S LL)	0-90 ppb
Hydrogen Sulfide (H2S)	0-500 ppb
Hydrogen Sulfide (H2S)	0-1500 ppb
Phosphine (PH3)	0-1500 ppb
Silane (SiH4)	0-50 ppm
Stibine (SbH3)	0-500 ppb

Other

Ammonia (NH3)	0-75 ppm
Bromine (Br2)	0-1000 ppb
Carbonyl Sulfide (COS)	0-20 ppm
LL Chlorine (Cl2)	0-30 ppb
Hydrazine (N2H4)	0-500 ppb
Hydrogen Cyanide (HCN)	0-2500 ppb
Methylene Isocyanate (MIC)	0-100 ppm
Methylene Isocyanate (MIC)	0-10 ppm
Phosgene (COCl2)	0-900 ppb
Phosgene (COCl2)	0-1000 ppb
Phosgene (COCl2)	0-3000 ppb
Sulfur Dioxide (SO2)	0-2500 ppb
Toluene Diamine (TDA)	0-60 ppb

*CL1 Only