



The ChemLogic 96 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 1/4" tubing to allow for easy upgrades of other obsolete sample draw systems. Simply plug in your existing 1/4" sample tubing and you're ready to go.

This new innovative gas detection system enables customers to experience advanced technology at a lower initial investment and reduced cost of ownership.

ChemLogic 96 Point Continuous Monitor CL96

Features

- New Intelligent Optics
- Optimized Flow System
- 4 Month Cassettes
- ChemLogic Technology
- USB Port With Memory Stick
- Real Time Trend Display
- Complete Front Access
- Touch Control
- Compact Size
- Remote Mountable I/O
- 16 to 96 Points of Detection
- Up to 3 Gas Families
- Energy Efficient (Green)

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
- Reduced Cost of Installation
- Flexible & Expandable System
- Reduced Installation & Operating Cost
- Uses ~90% Less Energy Per Point than Competition

Technical Specifications

Detection Principle	ChemLogic Technology
Gas Families Available	See Table Below
Monitoring Points	16, 32, 48, 64, 80, 96
Sample Distance	400ft (122m) - .25" OD, .187" ID Teflon FEP
Exhaust Tubing	25ft (7.62m) -.375" OD, .25" ID Poly-E (Included)
Display	19" Color Touch Screen HMI
Local Alarm Indication	Audible and Visual
Relay Outputs	Programmable Low and High Level Fault
Relay Output Options	24 VDC Sinking, 4-20mA & Form C Relays
Comm. Protocol Options	Ethernet IP, Device Net, OPC, Profibus, Modbus, ControlNet,
Operating Temperature	40°F - 104°F (5°C - 40°C)
Shipping Weight	450 lbs. (204 Kg)
Operating Voltage	100- 110 VAC (50/60Hz), 230 VAC (50Hz)
Power Consumption	Less Than 3 Amps
Dimensions	H-59" (+10" For Tubing) W-31" (+9" For Wiring) D-28.5"



Gas Families Available

Mineral Acids	
Boron Trifluoride (BF3)	0-10,000 ppb
Hydrogen Bromide (HBr)	0-20 ppm
Hydrogen Chloride (HCl)	0-20 ppm
Hydrogen Fluoride (HF)	0-20 ppm
Nitric Acid (HNO3)	0-6 ppm
Sulfuric Acid (H2SO4)	0-750 ppb

Hydrides	
Arsine (AsH3)	0-50 ppb
Arsine (AsH3)	0-500 ppb
Diborane (B2H6)	0-1000 ppb
Hydrogen Selenide (H2Se)	0-25 ppm
Hydrogen Sulfide (H2S)	0-20 ppm
Phosphine (PH3)	0-300 ppb
Phosphine (PH3)	0-3000 ppb
Silane (SiH4)	0-50 ppm
Stibine (SbH3)	0-300 ppb
Tertiary-Butyl-Arsine (TBA)	0-500 ppb
*Arsine (AsH3)-LL	0-50 ppb
*Germane (GeH4)	0-2000 ppb
*Hydrogen Selenide (H2Se)	0-500 ppb

Oxidizers	
LL Chlorine (Cl2)	0-30 ppb
Chlorine (Cl2)	0-3200 ppb
Fluorine (F2)	0-10,000 ppb
Nitrogen Dioxide (NO2)	0-30 ppm

Other	
Acetic Acid (Low Level)	0-50 ppb
Ammonia (NH3)	0-150 ppm
Bromine (Br)	0-1000 ppb
Carbon Sulfide (COS)	0-20 ppm
Chlorine (Cl2)	0-5000 ppb
Hydrazine (N2H4)	0-500 ppb
Hydrogen Cyanide (HCN)	0-2500 ppb
Methyl Isocyanate (MIC)	0-10 ppm
Nitrogen Dioxide (NO2)	0-100 ppm
Phosgene (COCl2)	0-1000 ppb
Phosgene (COCl2)	0-3500 ppb
Phosgene (COCl2)	0-5000 ppb
TDMAT	0-10 ppm
**C5F8	0-15 ppm
**Nitrogen Trifluoride (NF3)	0-15 ppm

***Alternate Hydride Table Selections**

****Pyrolyzer Required**