

# ChemLogic 8 Point Continuous Gas Monitor

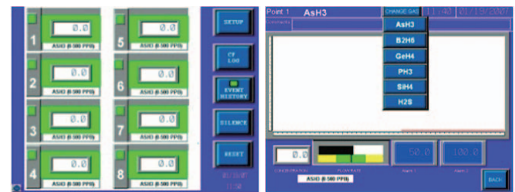
## ChemLogic 8

The ChemLogic 8 Point Continuous Monitor provides field proven ChemLogic Technology for the quick detection of low level toxic and corrosive gases.



### Feature

- ▷ New intelligent Optics : Reduced Maintenance and risk of False Alarms
- ▷ Optimized flow system : Quicker response
- ▷ 2 & 4 Month Cassettes : Reduced operation cost
- ▷ ChemLogic Technology : Field proven reliability
- ▷ Remote mountable I/O : Reduced cost of installation
- ▷ Flash Memory Storage : Easily retrievable data
- ▷ Real time trend display : Quick real time information
- ▷ Complete front access : Easy to service
- ▷ Touch screen control : Easy to startup & operate
- ▷ Compact size : Simple to install



The ChemLogic Continuous 8 Point Gas Monitor is the next generation of interference free, low maintenance colorimetric gas detection. This system is simple to install and utilizes  $\frac{1}{4}$ " tubing to allow for easy upgrades of other obsolete sample draw systems. Simply plug in your existing  $\frac{1}{4}$ " sample tubing and you're ready to go.

The ChemLogic Continuous 8 Point Gas Monitor provides multiple outputs from relays to analog signals to digital communication. It also offers the option of additional inputs and the ability to specialize the software to meet your application.

This new innovative gas detection system enables customers to experience advanced technology at a lower initial investment (typically 50% lower) and reduced cost of ownership (typically 38% lower).

# Specification

※Specifications are subject to be changed without prior notice.

CL8 TECHNICAL SPECIFICATIONS	
Detection Principal	ChemLogic Technology
Measuring Gas	See Below
Monitoring Points	8 points
Enclosure	Powder Coated Steel
Sample Distance	250ft (76m) 1/4" OD 3/16"ID Teflon FEP
Exhaust Tubing	25ft (7.62m) 3/8"OD 1/4"ID Poly-E (included)
Display	8" Color Touch Screen HMI
Local Alarm Indication	Audible and Visual
Relay Outputs	Programmable Low and High Level
Operating Temperature	40F to 104F (5°C to 40°C)
Operating Voltage	100/110 VAC @ 50/60Hz, 230 VAC 50Hz
Power Consumption	Less than 1 Amp
Weight	70 lbs.

Hydrides		Oxidizers	
Arsine (AsH3)	0-500ppb	Chlorine (Cl2)	0-5000ppb
Diborane (B2H6)	0-1000ppb	LL Chlorine (Cl2)	0-50ppb
Hydrogen Sul fide (H2S)	0-20ppm	Nitrogen Dioxide (NO2)	0-30ppm
Phosphine (PH3)	0-1500ppb	Fluorine (F2)	0-3200ppb
Si lane (SiH4)	0-50ppm	<b>Other</b>	
Tertiary-Butyl -Arsine (TBA)	0-500ppb	Acetic Acid (Low Level)	0-50ppb
*Arsine (AsH3)-LL	0-50ppb	Ammonia (NH3)	0-75ppm
*Germane (GeH4)	0-2000ppb	Bromine (Br)	0-1000ppb
*Hydrogen Selenide (H2Se)	0-500ppb	Carbon Sulfide (COS)	0-20ppm
<b>*Alternate Hydride table selections</b>		Hydrazine (N2H4)	0-500ppb
		Hydrogen Cyanide (HCN)	0-2500ppb
<b>Mineral Acids</b>		Methyl Isocyanate (MIC)	0-10ppm
Boron Tri fluoride (BF3)	0-3200ppb	Phosgene (COCL2)	0-1000ppb
Hydrogen Bromide (HBr)	0-20ppm	Velcorin	0-200ppb
Hydrogen Chloride (HCl)	0-15ppm	**C5F8	0-15ppm
Hydrogen Fluoride (HF)	0-10ppm	**Ni trogen Trifluoride (NF3)	0-15ppm
Nitric Acid (HNO3)	0-6ppm	<b>**Indicates pyrolyzer required</b>	
Sulfuric Acid (H2SO4)	0-750ppb		

# Dimension (Unit:mm)

