

# ChemLogic Dual Point Continuous Gas Monitor

## ChemLogic 2

The ChemLogic Dual 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
- ▷ 2 Points Continuous Monitor : Reduced Investment & Operating Costs
- ▷ Optimized Flow System : Faster Response
- ▷ 2 Month Cassette : Reduced Operating Cost
- ▷ ChemLogic Technology : Field Proven Reliability
- ▷ SD Memory Card : Easily Retrievable Data
- ▷ Real Time Display : Quick Real Time Information
- ▷ Complete Front Access : Easy to Service
- ▷ Touch Control : Easy to Startup & Operate
- ▷ Compact Size : Simple to Install
- ▷ Remote Reset : Ideal for Process Applications
- ▷ Tape Saver Mode : Reduces Tape Usage During High Concentrations



The ChemLogic Continuous Dual Point Gas Monitor is the next generation of interference free, low maintenance colorimetric gas detection. This system is simple to install and utilizes ¼" tubing to allow the sample to be drawn up to 150feet (45m).

The ChemLogic Continuous Dual 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.

# Specification

※Specifications are subject to be changed without prior notice.

CL2 TECHNICAL SPECIFICATIONS	
Detection Principal	ChemLogic Technology
Gas Families Available	See Below
Monitoring Points	2
Sample Distance	150ft(45m) 1/4" OD 1/8"ID Teflon FEP
Exhaust Tubing	25ft(7.62m) 1/4"OD 3/16"ID
Display	HMI
Local Alarm Indication	Visual HMI Display
Relay Outputs	6Amps Form C - Programmable Low and High Level, Fault
Operating Temperature	40F to 104F (5°C to 40°C)
Dimensions	H-12.5"(317.5mm) W-10.3"(260mm) D- 9" (228mm)
Shipping Weight	30 lbs, 13.5 Kg
Operating Voltage	85-264VAC 50/60 Hz
Power Consumption	Less than 1 Amp
Enclosure	NEMA 4X
Analog Output	4-20mA (500 ohm max impedance)

HYDRIDES	MINERAL ACIDS
Arsine (AsH3) 0-50ppb / 0-500ppb	Boron Trifluoride (BF3) 0-3200ppb
Diborane (B2H6) 0-500ppb	Hydrogen Bromide (HBr) 0-20ppm
Germane (GeH4) 0-2000ppb	Hydrogen Chloride (HCl) 0-15ppm
Hydrogen Selenide (H2Se) 0-500ppb	Hydrogen Fluoride (HF) 0-10ppm
Hydrogen Sulfide (H2S) 0-90ppb / 0-20ppm	Nitric Acid (HNO3) 0-6ppm
Phosphine (PH3) 0-1500ppb	Sulfuric Acid (H2SO4) 0-750ppb
Silane (SiH4) 0-50ppm	
OTHER	OXIDIZERS
Ammonia (NH3) 0-75ppm	Chlorine (CL2) 0-5000ppb
Hydrazine (N2H4) 0-500ppb	LL Chlorine (CL2) 0-50ppb
Phosgene (COCL2) 0-300ppb, 0-900ppb, 0-3000ppb	Fluorine (F2) 0-3200ppb
Velcorin 0-200ppb	Nitrogen Dioxide (NO2) 0-30ppm

# Dimension (Unit:mm)

