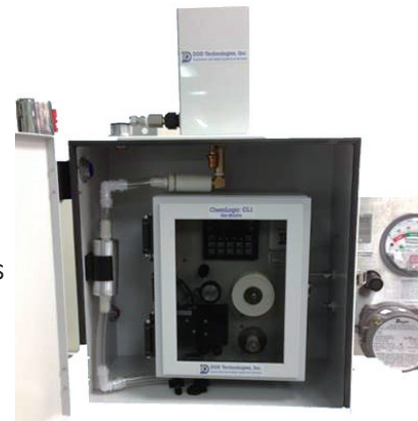


ChemLogic Single Point (CL1) Continuous Monitor

ChemLogic 1 (Z-Purge & Vortex Heater/Cooler)

The ChemLogic Single Point Continuous Monitor provides field proven ChemLogic Technology for the quick detection of low level toxic and corrosive gases. The Z-Purge, Vortex Cooler/Heater and Weather Proof NEMA 4X enclosure options, provide maximum versatility allowing the CL1 to operate in extreme weather and hazardous locations.



Feature

- ▷ New Intelligent Optics
- ▷ Optimized Flow System
- ▷ 2 Month Cassette
- ▷ ChemLogic Technology
- ▷ SD Memory Card
- ▷ Z-Purge Option
- ▷ Vortex Cooler/Heater
- ▷ NEMA 4X Weather Proof Enclosure
- ▷ Complete Front Access
- ▷ Touch Control
- ▷ Compact Size
- ▷ Remote Reset
- ▷ Tape Saver Mode
- ▷ Reduced Maintenance and Risk of False Alarms
- ▷ Faster Response
- ▷ Reduced Operating Cost
- ▷ Field Proven Reliability
- ▷ Easily Retrievable Data
- ▷ Brings Class I Division 2 locations to Non-hazardous
- ▷ Provides operation in harsh weather conditions
- ▷ Provides operation in harsh weather condition
- ▷ Easy to Service
- ▷ Easy to Startup & Operate
- ▷ Simple to Install
- ▷ Ideal for Process Applications
- ▷ Reduces Tape Usage During High Concentrations

The ChemLogic Continuous Single 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 Single 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.

CL1 Z-PURGE & VORTEX COOLER TECHNICAL SPECIFICATIONS	
Detection Principal	ChemLogic Technology
Gas Families Available	See Below
Monitoring Points	1
Sample Distance	150ft(45m) 1/4" OD 1/8"ID Teflon FEP (Does not apply to Diisocyanates)
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 167F (5°C to 75°C)
Dimensions	H-26"(66cm) W-18"(45cm) D- 10.5" (27cm)
Shipping Weight	90 lbs (41 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)
Purge Option	80-120PSI 10SCFM Min (3/8" Tube Compression)
Vortex Cooler/Heater Option	80-120PSI 10SCFM Min (3/8" Tube Compression)

TDI		MINERAL ACIDS	
TDI	0-200ppb	Boron Trifluoride (BF3)	0-3200ppb
MDI	0-200ppb	Hydrogen Bromide (HBr)	0-20ppm
HDI	0-200ppb	Hydrogen Chloride (HCl)	0-15ppm
IPDI	0-200ppb	Hydrogen Fluoride (HF)	0-10ppm
		Nitric Acid (HNO3)	0-6ppm
		Sulfuric Acid (H2SO4)	0-750ppb
HYDRIDES		OXIDIZERS	
Arsine (AsH3)	0-50ppb / 0-500ppb	Chlorine (CL2)	0-5000ppb
Diborane (B2H6)	0-500ppb	LL Chlorine (CL2)	0-50ppb
Germane (GeH4)	0-2000ppb	Fluorine (F2)	0-3200ppb
Hydrogen Selenide (H2Se)	0-500ppb	Nitrogen Dioxide (NO2)	0-30ppm
Hydrogen Sulfide (H2S)	0-90ppb / 0-20ppm	OTHER	
Phosphine (PH3)	0-1500ppb	Ammonia (NH3)	0-75ppm
Silane (SiH4)	0-50ppm	Toulene Diamine (TDA)	60ppb
Stibine (SbH3)	0-10ppm	Hydrazine (N2H4)	0-500ppb, 0-900ppb, 0-3000ppb
		Phosgene (COCL2)	0-200ppb
		Velcorin	0-200ppb
		Hydrogen Cyanide (HCN)	0-2500ppb