



CL4 & CL8

The ChemLogic Continuous 4-8 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 for easy upgrades of other obsolete sample draw systems. Simply plug in your existing ¼" sample tubing and you're ready to go.

The ChemLogic Continuous 4-8 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).



Need a quote?

Our customer focused sales staff can provide a quote based on your application and gas detection requirements. Visit our website to submit a quote request or build your own online at www.dodtec.com.

Features	Benefits
New intelligent optics	Reduced maintenance and more accurate results
Optimized flow system	Faster response time
2 & 4-month cassette	Reduced operating cost
SSD memory card	Easily retrievable data
Real time trend display	Quick real time information
Complete front access	Easy to service
Touch control	Easy to start up and operate
Upgradeable to 8 points	Reduced expansion costs
Remote mountable I/O	Reduced cost of installation

Service

If you're in need of service on your gas detection equipment, visit our website to learn more about what we offer. On-site, contract, and mail-in are just a few of the capabilities our fully-trained service engineers can handle.

Technical Specifications	
Detection Principle	ChemLogic Technology
Gas Families Available	See Next Page
Monitoring Points	4 or 8
Sample Distance	300ft. (91m) - .25" OD, .125" ID Teflon FEP tubing
Exhaust Tubing	25ft. (7.62m) -.375" OD, .25" ID Poly-E (Included)
Display	8" Color touch screen
Local Alarm Indication	Visual on Display & Audible (Optional light tower available)
Relay Outputs	Programmable low and high-level faults
Operating Temperature	40°F – 104°F (4°C – 40°C)

Ready to order?

Send in your purchase order to solutions@dodtec.com or order online!

Dimensions	<i>L x W x H</i> (32" x 25" x 17") (812.8mm x 635mm x 431.8mm)
Shipping Weight	80lbs. (36.28 kg)
Operating Voltage	100 – 110VAC (50/60Hz), 230VAC (50Hz)
Power Consumption	Less than 1 Amp
Enclosure	Powder Coated Steel

CL4 & CL8 Gas Calibrations

Hydrides

Arsine (AsH ₃)	0-50 ppb
Arsine (AsH ₃)	0-500 ppb
Diborane (B ₂ H ₆)	0-1,000 ppb
Germane (GeH ₄)	0-2,000 ppb
Hydrogen Selenide (H ₂ Se)	0-25 ppm
Hydrogen Selenide (H ₂ Se)	0-500 ppb
Hydrogen Sulfide (H ₂ S)	0-20 ppm
Phosphine (PH ₃)	0-300 ppb
Phosphine (PH ₃)	0-3,000 ppb
Silane (SiH ₄)	0-50 ppm
Stibine (SbH ₃)	0-300 ppb
Tertiary-Butyl-Arsine (TBA)	0-500 ppb

Other

Acetic Acid (CH ₃ COOH)	0-50 ppb
Ammonia (NH ₃)	0-150 ppm
Bromine (Br)	0-1,000 ppb
Carbonyl Sulfide (COS)	0-20 ppm
Chlorine (Cl ₂)	0-5,000 ppb
Hydrazine (N ₂ H ₄)	0-500 ppb
Hydrogen Cyanide (HCN)	0-2,500 ppb
Methylene Isocyanate (MIC)	0-10 ppm
Nitrogen Dioxide (NO ₂)	0-100 ppm
Phosgene (COCl ₂)	0-1,000 ppb
Phosgene (COCl ₂)	0-3,500 ppb
Phosgene (COCl ₂)	0-5,000 ppb
TDMAT	0-10 ppm
Octafluorocyclopentene (C ₅ F ₈)	0-15 ppm**
Nitrogen Trifluoride (NF ₃)	0-15 ppm**

Mineral Acids

Boron Trifluoride (BF ₃)	0-12,000 ppb
Hydrogen Bromide (HBr)	0-20 ppm
Hydrogen Chloride (HCl)	0-20 ppm
Hydrogen Fluoride (HF)	0-20 ppm
Nitric Acid (HNO ₃)	0-6 ppm
Sulfuric Acid (H ₂ SO ₄)	0-750 ppb

Oxidizers

Chlorine (Cl ₂)	0-30 ppb
Chlorine (Cl ₂)	0-3,200 ppb
Fluorine (F ₂)	0-10,000 ppb
Nitrogen Dioxide (NO ₂)	0-30 ppm

****Pyrolyzer Required**