



DOD Technologies, Inc.

Innovative Life Safety Systems & Services

ChemLogic Portable NeXt Generation Gas Detector (CLP_X)



Feature

- ◆ Improved Optics Design
- ◆ Immediate Alert Indicator Bar
- ◆ Automated Calibration
- ◆ Built in Data Logging
- ◆ Real Time Clock w/Date Stamp
- ◆ SW Selectable Calibration Curves

- ◆ Extended Battery Life
- ◆ Built in STEL
- ◆ 2 Alarm Levels
- ◆ Purged Cassette

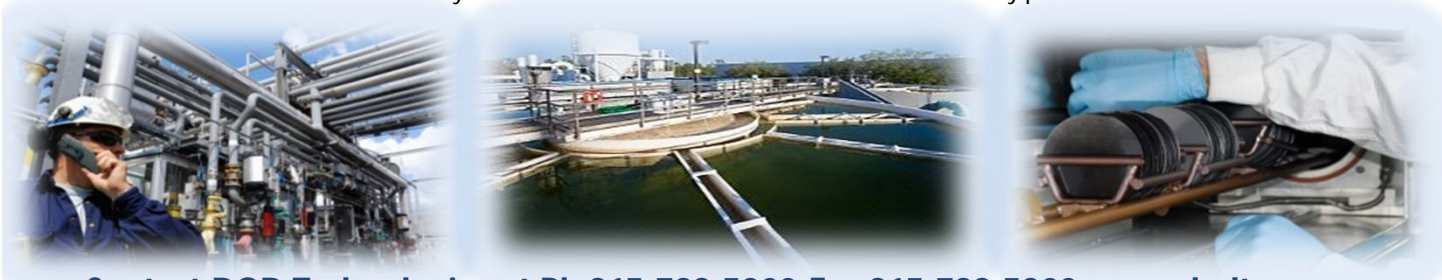
Benefit

- Provides low level gas detection in seconds
- Immediate Indication that gas is present
- Eliminates the need for optical calibration
- Micro SD card can record up to 5 years of data
- Accurate recording of data
- All gas calibrations are user selectable (no gas keys needed)
- system is flexible to meet your gas detection requirements
- up to 12 hours of continuous monitoring
- Unit constantly calculates for a rolling 15 minute STEL
- User selectable alarm levels
- Insures colorimetric media will not be contaminated by ambient gas

The Next Generation ChemLogic Portable (CLP_X) provides powerful portable gas detection to meet a wide variety of applications. It's Improved Optics Design and Automated Optics Calibration makes the CLP_X the most reliable, fool proof, user friendly gas detector on the market.

The CLP_X is a versatile instrument that can be configured to detect a variety of gases, eliminating the need to purchase different instruments or different gas keys to sample different gases. Changing the instrument from detecting one gas to another requires a simple change of the cassette.

The CLP_X employs DOD Technologies reliable ChemLogic tape technology to detect toxic gases and utilizes the most advanced electronics and analysis software to meet the needs of health and safety professionals.



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Contact DOD Technologies at Ph 815-788-5200 Fax 815-788-5300 www.dodtec.com

CLPX Technical Specifications

Detection Principal	ChemLogic Technology
Display	Back Lit LCD with graphic stain development
Operating Voltage	6VDC Battery or charge/line powered 100-240VAC 50/60hz
Operating Temperature	40 to 95°F (4 to 35°C)
Humidity	15 to 85 % (non condensing)
Dimensions	H-8.6"(219mm) W-4.1"(105mm) L- 11.3" (287mm)
Weight	5.5 lbs. (2.5 Kg)
Data Logging	2GB Micro SD Card

CLPX Gas Calibrations

Diisocyanate		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)	0-1000ppb	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		
Phosphine (PH3)	0-1500ppb	Other	
Silane (SiH4)	0-50ppm	Ammonia (NH3)	0-75ppm
		Hydrazine (N2H4)	0-500ppb
		Phosgene (COCl2)	0-90ppb / 0-3000ppb
		Velcorin	0-200ppb

CLPX Gas Calibration Packages

Semi / Solar Package	AsH3, PH3, B2H6, SiH4, GeH4, H2Se, H2S, HCl, HF, HBr, BF3, H2SO4, NH3, Cl2, NH3
Chemical / Iso Package	COCl2, Cl2, HCl, NH3, TDI, MDI
Iso Package	TDI, MDI, HDI, IPDI
Additional gas available upon request	N2H4, LL Cl2, Velcorin