

ChemLogic Portable Gas Detector

CLPX

Feature

- ▷ Improved Optics Design : Provides low level gas detection in seconds
- ▷ Immediate Alert Indicator Bar : Immediate Indication that gas is present
- ▷ Automated Calibration : Eliminates the need for optical calibration
- ▷ Built in Data Logging : Micro SD card can record up to 5 years of data
- ▷ Real Time Clock w/Date Stamp : Accurate recording of data
- ▷ SW Selectable Calibration Curves : All gas calibrations are user selectable (no gas keys needed)
system is flexible to meet your gas detection requirements
- ▷ Extended Battery Life : Up to 12 hours of continuous monitoring
- ▷ Built in STEL : Unit constantly calculates for a rolling 15 minute STEL
- ▷ 2 Alarm Levels : User selectable alarm levels
- ▷ Purged Cassette : Insures colorimetric media will not be contaminated by ambient gas



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

The CLPX 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 CLPX 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.

Specification

※Specifications are subject to be changed without prior notice.

	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	40F to 95F (4°C 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 Technical Specifications

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)	0-30ppb
Germane (GeH4)	0-2000ppb	Fluorine (F2)	0-3200ppb
Hydrogen Selenide (H2Se)	0-500ppb	Nitrogen Dioxide (NO2)	0-25ppm
Hydrogen Sul fide (H2S)	0-90ppb / 0-20ppm	OTHER	
Phosphine (PH3)	0-1500ppb	Ammonia (NH3)	0-75ppm
Silane (SiH4)	0-50ppm	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, NH03, Cl2, LL Cl2, NH3
Chemical / Iso Package	COCL2, Cl2, NH3, TDI, MDI, IPDI, HDI, H2S, HF, HCl, HBr, H2SO4, HNO3, NO2
Iso Package	TDI, MDI, HDI, IPDI
Additional gas available upon request	N2H4, LL CL2, Velcorin & NO2