



The Next Generation ChemLogic Portable (CLPX) provides powerful portable gas detection to meet a wide variety of applications. Its 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.

ChemLogic Portable Continuous Monitor CLPX

Features

- Improved Optics Design
- Immediate Alert Indicator Bar
- Automated Calibration
- Built In Data Logging
- Real Time Clock With Date Stamp
- SW Selectable Calibration Curves
- Extended Battery Life
- Built In STEL
- 2 Alarm Levels
- Purged Cassette

Benefits

- Provides Low Level Gas Detection in Seconds
- Immediate Indication That Gas is Present
- Eliminates Need for Optical Calibration
- Micro SD Card Records Up To 5 Years of Data
- Accurate Recording of Data
- All Calibrations Are User Selectable - No Keys Needed
- Up To 12 Hours of Continuous Monitoring
- Unit Constantly Calculates For a Rolling 15 Min STEL
- User Selectable Alarm Levels
- Colorimetric Media Will Not Be Contaminated by Ambient Gas

Technical Specifications

Detection Principle	ChemLogic Technology
Gas Families Available	See Table Below
Display	Back Lit LCD With Graphic Stain Development
Operating Temperature	40°F - 95°F (4°C - 35°C)
Weight	5.5 lbs. (2.5 Kg)
Operating Voltage	6 VDC Battery or Charge, 100-240 VAC (50/60Hz)
Data Logging	2 GB Micro SD Card
Dimensions	H-8.6" (219mm) W-4.1" (105mm) L-11.3"(287mm)



CLPX Gas Calibrations

Hydrides

Arsine (AsH ₃)	0-50 ppb
Arsine (AsH ₃)	0-500 ppb
Diborane (B ₂ H ₆)	0-1000 ppb
Germane (GeH ₄)	0-2000 ppb
Hydrogen Selenide (H ₂ Se)	0-500 ppb
Hydrogen Sulfide (H ₂ S)	0-20 ppm
Phosphine (PH ₃)	0-1500 ppb
Silane (SiH ₄)	0-50 ppm

Other

Ammonia (NH ₃)	0-75 ppm
Hydrazine (N ₂ H ₄)	0-500 ppb
Hydrogen Cyanide (HCN)	0-2500 ppb
Ozone (O ₃)	0-300 ppb
Phosgene (COCl ₂)	0-90 ppb
Phosgene (COCl ₂)	0-3000 ppb
Sulfur Dioxide (SO ₂)	24.9-2500 ppb
Nitrogen Trifluoride (NF ₃)	1-50 ppm

Mineral Acids

Boron Trifluoride (BF ₃)	0-5000 ppb
Hydrogen Bromide (HBr)	0-20 ppm
Hydrogen Chloride (HCl)	0-15 ppm
Hydrogen Fluoride (HF)	0-10 ppm
Nitric Acid (HNO ₃)	0-6000 ppb
Sulfuric Acid (H ₂ SO ₄)	0-750 ppb

Diisocyanates

HDI	0-200 ppb
HMDI	0-100 ppb
IPDI	0-200 ppb
MDI	0-200 ppb
TDI	0-200 ppb

Oxidizers

LL Chlorine (Cl ₂)	0-20 ppb
Chlorine (Cl ₂)	0-5000 ppb
Fluorine (F ₂)	0-3200 ppb
Nitrogen Dioxide (NO ₂)	0-25 ppm
Chlorine Dioxide (ClO ₂)	0-1000 ppb

Gas Calibration Packages

Semi/Solar Package

AsH₃, PH₃, B₂H₆, SiH₄, GeH₄, H₂Se, H₂S, HCl, HF, HBr, BF₃, H₂SO₄, NHO₃, 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, HMDI, IPDI

Gases Available on Request

N₂H₄, LL Cl₂, NO₂