



DOD Technologies ChemLogic® CLP_x Portable Gas Detector

DOD Technologies

The ChemLogic® CLP_x Portable Gas Detector provides handheld gas detection to meet a variety of applications. The advanced optics design and automated calibration make the CLP_x the most reliable and intuitive gas detector on the market today. A versatile instrument, the CLP_x can be configured to detect a variety of gases - eliminating the need to purchase different instruments or gas keys to sample different gases. Only a simple cassette change is required to change from detecting one gas to another.



**Pyrolyzer Option Detects
Low Levels of NF₃**

EMERGENCY



RESPONSE

EASILY



PORTABLE

LONG



BATTERY LIFE

PYROLYZER

NF₃

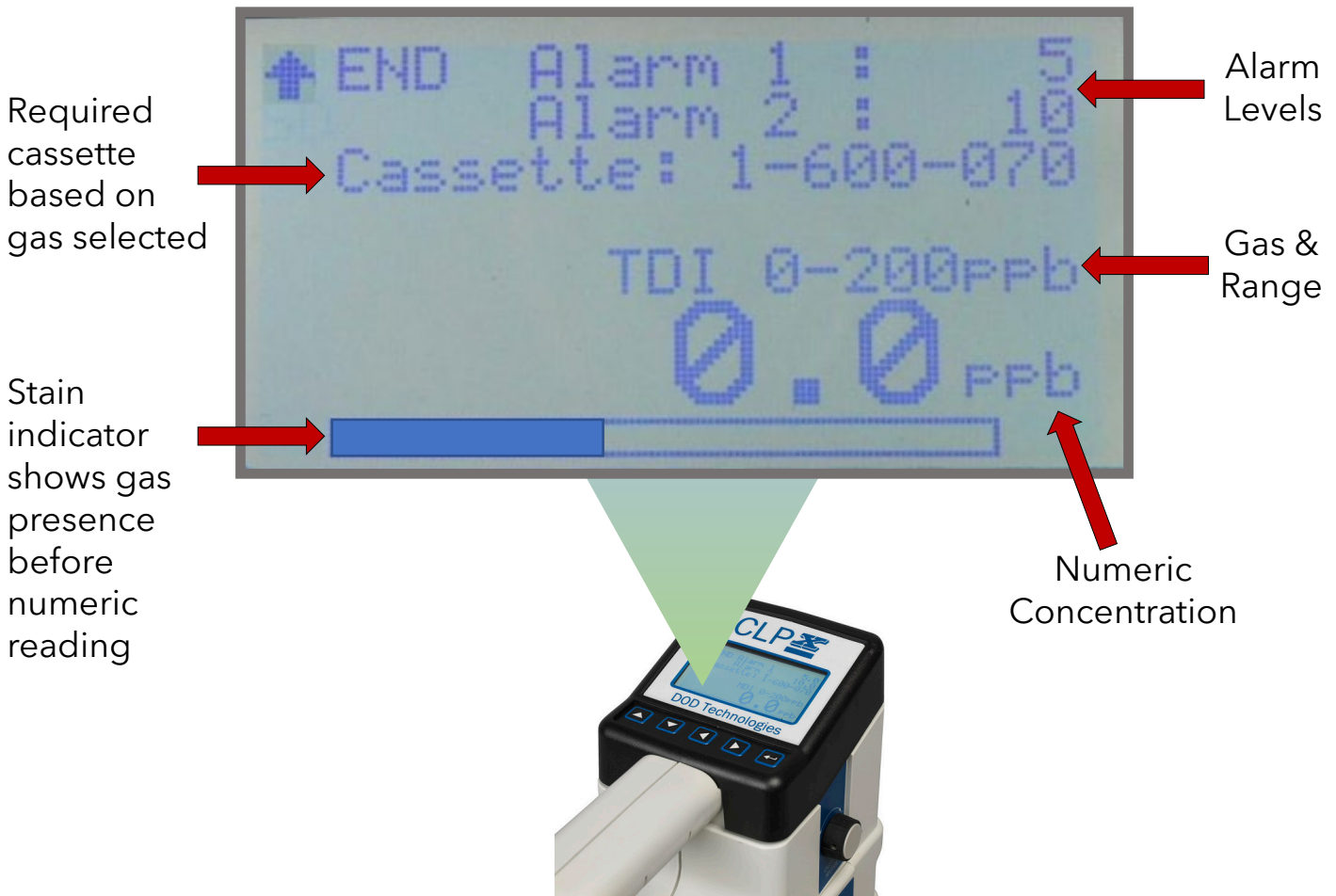
OPTION



Features & Benefits

FEATURES	BENEFITS
Improved Optics	Provides low level gas detection in seconds
Alert Indicator	Immediate indication that gas is present
Automated Calibration	Eliminates the need for optical calibration
Built-In Data Logging	Micro SD card records up to 5 years of data
Real-time Trend Display	Provides date stamp of every event
Selectable Gas Curves	All calibrations user selected - no keys needed
Extended Battery Life	Up to 12 hours of continuous monitoring
Built-In STEL	Unit constantly calculates rolling 15-minute STEL
Multiple Alarm Levels	User selectable alarm levels
Purged Cassette	Tape media will not be affected by ambient air
Pyrolyzer Option	More detectable gases available

Easy To Read & Navigate Screens





Specifications

Model	CLP _x
Target Gas Families	Ammines, Hydrides, Mineral Acids, Oxidizers
Detection Principle	Colorimetric
Display	19" color touchscreen
Operating Temperature	40°F to 95°F / 4°C to 35°C
Data Logging	2GB Micro SD card
Dimensions	8.6"H x 4.1"W x 11.3"D
Shipping Weight	6 lb.

Detectable Gases

Hydrides

Arsine (AsH ₃)	0-50 ppb
Diborane (B ₂ H ₆)	0-100 ppb
Germane (GeH ₄)	0-2,000 ppb
Hydrogen Selenide (H ₂ Se)	0-20 ppm
Hydrogen Selenide (H ₂ Se)	0-500 ppm
Phosphine (PH ₃)	0-1,500 ppb
Silane (SiH ₄)	0-50 ppm

Mineral Acids

Boron Trifluoride (BF ₃)	0-5,000 ppb
Hydrogen Bromide (HBr)	0-20 ppm
Hydrogen Chloride (HCl)	0-15 ppm
Hydrogen Fluoride (HF)	0-10 ppm
Nitric Acid (HNO ₃)	0-6,000 ppb
Nitrogen Trifluoride (NF ₃)	0-50 ppm*
Sulfuric Acid (H ₂ SO ₄)	0-750 ppb

Oxidizers

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

Diisocyanates

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

Other

Ammonia (NH ₃)	0-75 ppm
Hydrazine (N ₂ H ₄)	0-500 ppb
Hydrogen Cyanide (HCN)	0-2,500 ppb
Nitrogen Trifluoride (NF ₃)	1-50 ppm
Ozone (O ₃)	0-300 ppb
Phosgene (COCl ₂)	0-90 ppb
Phosgene (COCl ₂)	0-3,000 ppb
Sulfur Dioxide (SO ₂)	24.9-2,500 ppb
TMA	30-50,000 ppb
DMA	50-50,000 ppb
TDMAT	10-20,000 ppb

* Pyrolyzer Required - Detected as Hydrogen Fluoride after pyrolyzation



REALIBILITY & SUPPORT

DOD Technologies is the global leader in low level gas detection systems and solutions. We understand the importance of keeping your business operational and know that that false alarms can cost millions of dollars in lost productivity.

We offer a comprehensive line of ChemLogic® gas detection products, engineered to an enhanced standard of accuracy and reliability. Our worldwide network of knowledgeable service engineers are also ready to assist you with a passion for gas detection. The DOD Technologies portfolio includes fixed systems, portable gas detectors, controllers, systems integrations and on-site field services.

For more information, or to order, please visit us at DODtec.com.



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