



DOD TECHNOLOGIES

The Leader in Low Level Toxic Gas Monitoring



ChemLogic®

Trademarked name for a calibration free toxic gas detection method that uses an optical scanning system to detect the presence of gas by a color change on the specially chemically impregnated paper tape. ChemLogic® technology is highly specific and reacts extremely fast to the presence of parts per billion (ppb) levels of many hazardous gases.



DOD Technologies ChemLogic Monitors



CL96

96-Point TGMS



CL8

8-Point TGMS



CL1

Single Point Monitor



CLPX

Portable Monitor

ChemLogic Cassettes Also Available for



VERTEX

72-Point TGMS



CM4

4-Point Monitor



SPM

Single Point Monitor



TLD

Portable Monitor



SYSTEM16

16-Point Monitor



FREQUENTLY ASKED QUESTIONS

Q. What support do I get when I buy a unique ChemLogic® product?

Each DOD Technologies ChemLogic® product is manufactured to traceable ISO 9000 manufacturing standards by a world class team of highly trained chemists. Every batch is calibrated with ultra pure gas that is traceable to nationally accepted standards. This means that the end user does not have to provide calibration facilities themselves thereby saving cost and reducing risks to their own staff. Our application support team is made up of expert gas detection chemists with many years of technical application notes to help support common issues is available by phone and e-mail. Each ChemLogic® product is backed with a full warranty, and we have many years of experience regarding the quality control of our proven sensing technology.

Q. What statistics prove the benefits of ChemLogic® technology?

DOD Technologies has been manufacturing their unique ChemLogic® tape since 2003, and maintains traceable records on – every production batch, every calibration, and every instrument used to perform the calibration. Looking at just the data on a single tape sample is not adequate proof that the detection principle is reliable and reproducible. It is essential that the sensing technology can be backed by many years of data that considers batch to batch variations and confirms that every single ChemLogic® will detect toxic gas as specified, every time.

Q. What makes ChemLogic® technology work?

In general all the chemical methods are specially formulated and proven to work in the real end user environment with demanding applications associated with changes in the environmental conditions and potential cross interference sources. Our ChemLogic® formulations are coated on a unique paper medium with proven accuracy and repeatability. The software algorithms that process the gas detection methods are the product of many years of chemistry and software development, and will only work properly with the exact chemical formulations. These exacting formulas all ChemLogic® tapes work in not only DOD Technologies' monitors, but also legacy monitoring systems made by other manufacturers.

Q. Is my warranty still valid if I use ChemLogic® tapes on other manufacturer's monitors?

Some of the ChemLogic® tapes have been designed to work with legacy monitors produced by other manufacturers. The majority of these legacy systems are fully warranted for 12 months after start-up or 18 months after shipment (whichever comes first). After this initial period, the assurance that the monitor will work is passed onto the individual tape's warranty. We stand 100% behind our quality, and DOD Technologies warrants all ChemLogic® tapes regardless of which monitor it operates in. Our customers' safety is imperative to DOD Technologies and we therefore recommend routine maintenance by approved service personnel to maintain the performance and warranty of their gas detection systems.



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REALIBILITY & SUPPORT

DOD Technologies is the leader in low level gas detection with a division focused exclusively on semiconductor processing and other high tech industries. We understand the value of your production, from the raw silicon wafer to the fabrication of a chip, and we know that just one false alarm can cost millions of dollars in lost productivity. That's why we engineered the ChemLogic product line for an enhanced standard of accuracy and reliability. Every day, DOD's gas detection technologies protect people and billions of dollars in assets at semiconductor fabs, research labs and other high tech facilities throughout the world. We have a worldwide network of service engineers who are knowledgeable and passionate about gas detection. Our portfolio includes fixed systems, portable gas detectors, controllers, systems integration and onsite field services.



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