



## FEATURES

- One button operation
- Portable lab-in-a-box
- Identifies over 100 chemicals
- Bluetooth enabled for remote operation

# chem-ID™

## Hand-Held Chemical Identifier For Accurate In-Field Analysis

The Chem-ID offers public safety and federal agencies a highly accurate and reliable field tool to both identify and provide a detailed chemical analysis of over 100 chemicals including:

- Toxic industrial chemicals
- Meth lab chemicals
- Harmful reagents

Designed to perform the same quality of chemical analysis that has been previously only been achievable in large laboratories by trained analytical chemists using hundreds of thousands of dollars of equipment, the Chem-ID is fast, easy to use, and requires almost no training. It can even be operated by remote control in the most hazardous environments, and can quickly download and email analysis results to any location for assessment.

Engineered for mobile field use, the Chem-ID is easily

carried to the emergency or detection site and will endure harsh testing environments. Its ability to detect and analyze samples in the field eliminates problems associated with conventional collection, shipping, storage, and processing of samples of unknown agents. The Chem-ID provides immediate test results on site, providing rapid containment opportunities and eliminating costly and time-delayed laboratory analysis.



# D-TECT PRODUCTS

## Rugged, Sensitive & Easy to Use

### CHEM-ID SPECIFICATIONS

<b>Mission</b>	Portable chemical identifier
<b>Detector</b>	Multi-dimensional gas chromatography with thermal conductivity detectors
<b>Display</b>	High-resolution 65,000 color 3.6" (320 x 240) backlit LCD
<b>Datalinks</b>	Bluetooth (Class 1, 100 meter range)
<b>Battery</b>	28.8 volt sealed lithium ion
<b>Battery Life</b>	12-14 full analysis cycles
<b>Analysis Time</b>	Less than 10 minutes
<b>Chemical Library</b>	108 different chemicals
<b>Relative Humidity</b>	0-100% condensing
<b>Weight</b>	15.9 lbs (7.2 kg) with batteries
<b>Dimensions</b>	7.5" x 8.6" x 16" (19 cm x 21.8 cm x 40.6 cm)
<b>Environment</b>	Driving rain per Mil-STD-810. -25° F to 125° F (-32° C to 52° C). FCC Certified.

### CHEMICAL LIBRARY

Acetoin (monomer)	Chloroacetonitrile	Formaldehyde	Styrene
Acetoin (dimer)	Chlorobenzene	Furan	Tert-Butyl Methyl Ether
Acetone	Chloroform	n-Heptane	112.2 Tetrachloroethane
Acetophenone	1-Chloro-2-Methylpropane	Hexachloroethane	Tetrachloroethylene
Acrolein (2-Propenal)	Chloroprene	1113.3.3-Hexamethyldisilazane	Tetraethoxysilane
Acrylonitrile	Cumene	Hexane	Tetrahydrofuran
Allyl Alcohol	1,2-Dibromo-3-Chloropropane	Iodomethane	14-Thioxane
Allyl Amine	1,2-Dibromoethane	Isobutanol	Toluene
Allyl Chloride	1,2-Dichlorobenzene	Isobutyl Chloroformate	112 Trichloro-1,2,2-Trifluoroethane (Freon 113)
Allyl Chloroformate	1,3-Dichlorobenzene	Isophorone	Trichloroacetyl Chloride
Allyl Isothiocyanate	1,1-Dichloroethane	Methanol	12.4 Trichlorobenzene
Benzene	1,2-Dichloroethane	Methyl Caproate	111 Trichloroethane
Benzyl Chloride	1,2-Dichloroethylene (cis)	Methyl Methacrylate	112 Trichloroethane
Bis(2-Chloroethyl) Ether	1,2-Dichloropropane	4-Methyl-2-Pentanone	Trichloroethylene
Boron Trichloride	1,3-Dichloropropene (cis)	Methyl Salicylate	Trichlorofluoromethane (Freon 11)
Bromoform	1,3-Dichloropropene (trans)	Methylaziridine	Trichloro-Nitromethane
2,3-Butanedione (Diacetyl)	N,N-Dimethylaniline	Methylene Chloride	Triethylamine
1-Butanol	N,N-Dimethylcarbamoyl Chloride	Nitrobenzene	Triethyl Borate
2-Butanone	N,N-Dimethylformamide	n-Nitrosodimethylamine	12.4 Trimethylbenzene
n-Butyl Chloroformate	Dimethyl Methylphosphonate	n-Nonane	13.5 Trimethylbenzene
1-Butyl Iso cyanate	n-Dodecane	n-Octane	2,2,4-Trimethylpentane
1,2-Butylene Oxide	Epichlorohydrin	1-Octanethiol	n-Undecane
Carbamic Acid Ethyl Ester	Ethanol	n-Pentane	Vinyl Acetate
Carbon Disulfide	Ethyl Acrylate	Polyethyleneimine	m-Xylene
Carbon Tetrachloride	Ethyl Benzene	Propylene Glycol Monomethyl Ether Acetate	o-Xylene
Chloroacetone	2-Ethyltoluene	Propylene Oxide	p-Xylene
Chloroacetaldehyde	3-Ethyltoluene	Pyridine	

For the latest product information and a dealer near you, please visit our website at [www.dtectsystems.com](http://www.dtectsystems.com)

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