

RAM 2000™

Remote Air Monitor

The AIL Systems Inc. RAM 2000™
detects, identifies, and measures a wide range
of atmospheric contaminants
FASTER and MORE ACCURATELY
than conventional methods.



COMPOUNDS DETECTED AND MEASURED BY RAM 2000™

Acetaldehyde	Carbon monoxide	Dichlorodifluoromethane
Acetic acid	Carbon tetrachloride	1,1 Dichloroethane
Acetone	Carbonyl fluoride	1,2 Dichloroethane
Acetonitrile	Carbonyl sulfide	cis-1,2 Dichloroethene
Acetophenone	Chloroacetic acid	Dichloro-1-fluoroethane
Acetyl Chloride	Chloroacetophenone	Dichloromethane
Acetylene	Chlorobenzene	1,2 Dichloropropane
Acrolein	2-Chloro-1,3-butadiene	1,3 Dichloropropane
Acrylic acid	1-Chloro-1,1-difluoroethane	1,3 Dichloropropene
Acrylonitrile	Chlorodifluoromethane	1,2-Dichlorotetrafluoroethane
Allyl alcohol	Chloroethane	Dichlorotrifluoroethane
Allyl chloride	Chloroform	Diethyl amine
Ammonia	Chloromethane	Diethyl ether
Arsine	bis-Chloromethyl ether	Diethyl ketone
Benzaldehyde	Chloromethyl methyl ether	Diethyl sulfate
Benzene	Chloropentafluoroethane	Difluoroethane
Benzotrichloride	Chlorotetrafluoroethane	Di-isopropyl ether
Benzyl alcohol	2-Chlorotoluene	Dimethyl ether
Benzyl chloride	4-Chlorotoluene	N,N-Dimethyl formamide
Boron trichloride	Chlorotrifluoroethylene	1,1 Dimethyl hydrazine
Bromobenzene	Chlorotrifluoromethane	Dimethyl sulfate
Bromochloromethane	m-Cresol	Dimethyl sulfide
Bromoform	o-Cresol	Dinitrogen pentoxide
Bromomethane	p-Cresol	Dinitrogen tetroxide
Bromotrifluoromethane	Crotonaldehyde	Ethane
1,3 Butadiene	Cyclohexane	Ethanol
Butane	Cyclohexene	Ethyl acetate
2-Butanone	Cyclopentene	Ethyl acrylate
1-Butene	Cyclopropane	Ethyl benzene
cis-2-Butene	1,2-Dibromo-3-chloropropane	Ethyl butyrate
trans-2-Butene	1,2 Dibromoethane	Ethyl formate
n-Butyl acetate	Dibromomethane	Ethylene
n-Butyl alcohol	Dibutyl, monobutyl phosphate	Ethylene oxide
n-Butyraldehyde	m-Dichlorobenzene	Ethyl vinyl ether
Carbon dioxide	o-Dichlorobenzene	Fluorobenzene
Carbon disulfide	p-Dichlorobenzene	Formaldehyde

If you are interested in monitoring compounds which are not listed,
please call us at 1-800-264-7477 for the information on their infrared sensitivity.

Formic acid
Furan
Glyceryl trinitrate
n-Heptane
Hexachloro-1,3-butadiene
Hexachlorocyclobutadiene
Hexachloroethane
Hexamethyl phosphoramidate
n-Hexane
2-Hexanone
Hydrazine
Hydrogen bromide
Hydrogen chloride
Hydrogen cyanide
Hydrogen fluoride
Hydrogen iodide
Hydrogen peroxide
Hydrogen sulfide
Iodomethane
Iso-butane
Iso-butanol
Iso-butylene
Iso-cyanic acid
Iso-phorone
Iso-prene
Iso-propanol
Iso-propylbenzene
Mesitylene
Methane
Methanol
Methyl acetate
Methyl acrylate
Methyl amine
2-Methyl butane
2-Methyl-2-butene
3-Methyl-1-butene
Methyl formate
Methyl hydrazine
Methyl isobutyl ketone
Methyl mercaptan
Methyl methacrylate
Methyl nitrite
2-Methyl pentane

3-Methyl pentane
2-Methyl-1 pentene
2-Methyl-2-pentene
4-Methyl-2-pentene
Methyl tert-butyl ether
Methyl vinyl ether
Methyl vinyl ketone
Naphthalene
Nitric acid
Nitric oxide
Nitro benzene
Nitro ethane
Nitrogen dioxide
Nitroso benzene
Nitro methane
Nitrous acid
Nitrous oxide
n-Octane
Ozone
n-Pentane
1-Pentene
2-Pentene
Pentafluoroethane
Perfluorobutane
Peroxy acetyl nitrate
 α -Pinene
 β -Pinene
Phenol
Phosgene
Phosphine
Phosphorus trichloride
Propane
n-Propanol
b-Propiolactone
Propionaldehyde
Propionic acid
n-propyl acetate
n-propyl benzene
Propylene
Propylene glycol methyl ether acetate
Propylene imine
Propylene oxide
n-Propyl nitrate

Quinoline
Silane
Silicon tetrafluoride
Styrene
Styrene oxide
Sulfur dioxide
Sulfur hexafluoride
Sulfur monochloride
Tertiary-butyl benzene
1,1,1,2 Tetrachloroethane
1,1,2,2-Tetrachloroethane
Tetrachloroethylene
1,1,1,2 Tetrafluoroethane
Tetrafluoromethane
Tetrahydrofuran
Tetrahydrothiophene
Thionyl chloride
Thiophene
Toluene
2,4-Toluene diisocyanate
o-Toluidene
Tributyl phosphate
1,2,4-Trichlorobenzene
1,1,1 Trichloroethane
1,1,2 Trichloroethane
Trichloroethylene
Trichlorofluoromethane
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
1,2,3-Trichloropropane
Trichlorotrifluoroethane
Triethylamine
Trifluoroethane
1,2,4-Trimethyl benzene
2,2,4-Trimethylpentane
Vinyl acetate
Vinyl bromide
Vinyl chloride
Vinylidene chloride
Water
m-Xylene
o-Xylene
p-Xylene



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