

## Gastec Gas Detection Tube List

*Please call ems for pricing and ordering information*

Gastec Tube No.	Application	Measuring Range
135	1,1,1- TRICHLOROETHANE	100-2000 ppm
135L	1,1,1- TRICHLOROETHANE	6-900 ppm
139	1,2 - DICHLOROETHYLENE	5-250 ppm
92	ACETALDEHYDE	5-750 ppm
92L	ACETALDEHYDE	1-20 ppm
92M	ACETALDEHYDE	2.5-100 ppm
81	ACETIC ACID	1-100 ppm
81D	ACETIC ACID DOSI	.5-100 ppm
81L	ACETIC ACID L.R.	0.125-25 ppm
151	ACETONE	0.05-2%
151D	ACETONE DOSI	5-1500 ppm
151L	ACETONE L.R.	50-12000 ppm
171	ACETYLENE	0.05-4%
80	ACIDS TEST	1-80 ppm
93	ACROLEIN	3.3-800 ppm
191	ACRYLONITRILE	2-360 ppm
191L	ACRYLONITRILE L.R.	0.1-18 ppm
180	AMINES	5-100 ppm
180L	AMINES	0.5-10 ppm
3DL	AMMONIA DOSI	0.1-10 ppm
3D	AMMONIA DOSI	2.5-1000 ppm
3H	AMMONIA HIGH RANGE	0.2-32%
3L	AMMONIA LOW RANGE	0.5-78 ppm
3LA	AMMONIA LOW RANGE	2.5-200 ppm
3HM	AMMONIA MID RANGE	0.05-3.52%
3M	AMMONIA MIDDLE RANGE	10-1000 ppm
147	AMYL ACETATE	10-200 ppm
181	ANILINE	1.25-60 ppm
19LA	ARSINE L.R.	0.04-10 ppm
121	BENZENE	2.5-120 ppm
121SP	BENZENE	0.5-10 ppm
121SL	BENZENE IN AROMATICS L.R.	1-100 ppm
121L	BENZENE L.R.	0.125-60 ppm
121S	BENZENE LOW INTERFERENCE	2-312 ppm
174	BUTADIENE	50-800 ppm
174D	BUTADIENE DOSI	1.3-200 ppm
174L	BUTADIENE L.R.	2.5-100 ppm
174LL	BUTADIENE L.R.	0.5-5 ppm
142	BUTYL ACETATE	0.05-0.8%
142L	BUTYL ACETATE L.R.	10-300 ppm
75L	BUTYL MERCAPTAN LR	0.5-30 mg/m3
2A	CARBON DIOXIDE AIRTEC	250-3000 ppm

2D	CARBON DIOXIDE DOSI	0.02-12%
2AG	CARBON DIOXIDE AI RTEC	200-3000 ppm
2HT	CARBON DIOXIDE EXTRA HIGH RANGE	10-100%
2LC	CARBON DIOXIDE EXTRA LOW RANGE	100-4000 ppm
2LL	CARBON DIOXIDE EXTRA LOW RANGE	300-5000 ppm
2HH	CARBON DIOXIDE HIGH RANGE	2.5-40%
2H	CARBON DIOXIDE HIGH RANGE TUBE	0.5-20%
2L	CARBON DIOXIDE LOW RANGE	0.13-6%
13	CARBON DISULFIDE	0.63-100 ppm
13M	CARBON DISULFIDE MR	20-4000 ppm
1LM	CARBON MONOXIDE	25-2000 ppm
1A	CARBON MONOXIDE AIRTEC	5-50 ppm
1D	CARBON MONOXIDE DOSI	1.04-2000 ppm
1LL	CARBON MONOXIDE EX- LOW RANGE	5-50 ppm
1HH	CARBON MONOXIDE EXTRA H.R.	1-50%
1H	CARBON MONOXIDE H. R.	0.1-10%
1LK	CARBON MONOXIDE IN HYDROGEN	5-600 ppm
1L	CARBON MONOXIDE L.R.	2.5-2000 ppm
1LA	CARBON MONOXIDE L.R.	8-1000 ppm
1LC	CARBON MONOXIDE L.R.	1-30 ppm
1 DL	CARBON MONOXIDE L.R. DOSI	0.4 - 400 ppm
1M	CARBON MONOXIDE MIDDLE RANGE	0.05-4%
134	CARBON TETRACHLORIDE	0.5-60 ppm
134L	CARBON TETRACHLORIDE	0.25-12 ppm
21	CARBONYL SULPHIDE	5-200 ppm
21LA	CARBONYL SULPHIDE	2-125 ppm
221L	CHLORIDE ION	25-1000 mg/l
221LL	CHLORIDE ION	10-200 mg/l
23L	CHLORINE DIOXIDE LOW RANGE	0.025-1.2 ppm
23M	CHLORINE DIOXIDE MEDIUM RANGE	0.1-106 ppm
8D	CHLORINE DOSI	0.08-100 ppm
8HH	CHLORINE EXTRA HIGH RANGE	0.25-10%
8H	CHLORINE HIGH RANGE	25-1000 ppm

8LA	CHLORINE LOW RANGE	0.1-16 ppm
8LL	CHLORINE XTRA LOW RANGE	0.025-2 ppm
126	CHLOROBENZENE	2-500 ppm
126L	CHLOROBENZENE	0.5-43 ppm
137	CHLOROFORM	4-400 ppm
137L	CHLOROFORM	0.5-27 ppm
273	CHROMIUM ION TUBE	0.5-50 mg/l
284	COPPER ION TUBE	1-20 mg/l
61	CRESOL	0.4-62.5 ppm
118	CYCLOHEXANOL	5-100 ppm
154	CYCLOHEXANONE	2-75 ppm
22	DIBORANE	0.02-5 ppm
127	DICHLOROBENZENE	2.5-300 ppm
184	DIMETHYL ACETAMIDE	1.5-240 ppm
183	DIMETHYL FORMAMIDE	0.8-90 ppm
53	DIMETHYL SULFIDE	0.25-10
141	ETHYL ACETATE	0.1-1.5%
141 L	ETHYL ACETATE L.R.	25-800 ppm
112	ETHYL ALCOHOL	0.01-7.5%
112D	ETHYL ALCOHOL DOSI	100-25000 ppm
112L	ETHYL ALCOHOL LOW RANGE	50-2000 ppm
161	ETHYL ETHER	0.04-1%
161L	ETHYL ETHER L.R.	10-1200 ppm
72	ETHYL MERCAPTAN	0.5-120 ppm
72P	ETHYL MERCAPTAN	2.5-30 ppm
72L	ETHYL MERCAPTAN LR	0.2-75 ppm
172	ETHYLENE	25-800 ppm
165L	ETHYLENE GLYCOL L.R. .	10-100 mg/m3
172L	ETHYLENE L.R.	0.2-50 ppm
163	ETHYLENE OXIDE	0.05-3%
163LL	ETHYLENE OXIDE	0.1-10 ppm
163L	ETHYLENE OXIDE L.R.	0.4-350 ppm
51L	FLUOROCHLOROCARBONS LOW RNG	1-54 ppm
91	FORMALDEHYDE	2-100 ppm
91M	FORMALDEHYDE	8-6400 ppm
91L	FORMALDEHYDE LOW RANGE	0.1-40 ppm
91LL	FORMALDEHYDE XTRA LOW RANGE	0.05-1 ppm
91D	FORMALDEHYDE DOSI	0.1-20 ppm
222	FREE RESIDUAL CHLORINE	0.1-10 mg/l
51	FREON (PYROLYZER REQUIRED)	10-400 ppm
51 H	FREON HR (PYROLYZER REQUIRED)	250-6000 ppm
101	GASOLINE	0.015-1.2%
101L	GASOLINE LOW RANGE	30-2000 ppm
45H	H2S/SO2	0.02-8%

12D	HCN DOSI	1-200 ppm
185	HYDRAZINE	0.05-2 ppm
105	HYDROCARBONS (HIGH CLASS)	100-3000 ppm
103	HYDROCARBONS (LOWER CLASS)	0.05-2.4%
30	HYDROGEN	0.5-2%
14R	HYDROGEN CHLORIDE	50-3900 ppm
14D	HYDROGEN CHLORIDE DOSI	1-100 ppm
14L	HYDROGEN CHLORIDE L. R.	0.2-76 ppm
14M	HYDROGEN CHLORIDE MID R.	10-1000 ppm
12H	HYDROGEN CYANIDE H. R.	0.05-1.6%
12L	HYDROGEN CYANIDE L.R.	0.36-120 ppm
12M	HYDROGEN CYANIDE MID R.	17-2400 ppm
12LL	HYDROGEN CYANIDE XTRA L.R.	0.2-7 ppm
17D	HYDROGEN FLOURIDE DOSI	1-100 ppm
17	HYDROGEN FLUORIDE	0.25-100 ppm
32	HYDROGEN PEROXIDE	0.5-10 ppm
32D	HYDROGEN PEROXIDE DOSI	0.5-40 ppm
4D	HYDROGEN SULFIDE	0.2-200 ppm
4HT	HYDROGEN SULFIDE	1-40%
4HH	HYDROGEN SULFIDE EXTRA HIGH RNG	0.1-4%
4LL	HYDROGEN SULFIDE EXTRA LOW RNG	0.25-120 ppm
4H	HYDROGEN SULFIDE HIGH RANGE	10-4000 ppm
4HM	HYDROGEN SULFIDE HIGH RANGE	25-1600 ppm
4HP	HYDROGEN SULFIDE HIGH RANGE	0.25-2%
4L	HYDROGEN SULFIDE LOW RANGE	1-240 ppm
4LK	HYDROGEN SULFIDE LOW RANGE	1-40 ppm
4M	HYDROGEN SULFIDE MIDDLE RANGE	12.5-500 ppm
4LB	HYDROGEN SULFIDE PIPELINE LOW RANGE	0.5-12 ppm
4LT	HYDROGEN SULFIDE ULTRA LR	0.1-4 ppm
281	IRON ION TUBE	5-50 mg/l
148	ISOAMYL ACETATE	10-200 ppm
117	ISOAMYL ALCOHOL	5-300 ppm
144	ISOBUTYL ACETATE	10-300 ppm
116	ISOBUTYL ALCOHOL	10-150 ppm
146	ISOPROPYL ACETATE	20-500 ppm
113	ISOPROPYL ALCOHOL	0.02-5%

113L	ISOPROPYL ALCOHOL LOW RANGE	25-800 ppm
100A	LPG (LIQUIFIED PETROLEUM GAS)	0.02-0.8%
271	MERCURY TUBE	1-20 mg/l
40	MERCURY VAPOR	0.05-13.2 mg/m <sup>3</sup>
192	METHACRYLONITRILE	0.2-32 ppm
71	METHYL MERCAPTAN	0.25-140 ppm
111	METHYL ALCOHOL	0.002-4.5%
111LL	METHYL ALCOHOL EXTRA L.R.	2-56 ppm
111L	METHYL ALCOHOL LOW RANGE	20-1000 ppm
136H	METHYL BROMIDE	10-600 ppm
136L	METHYL BROMIDE	2.5-200 ppm
136LA	METHYL BROMIDE	1-36 ppm
119	METHYL CYCLOHEXANOL	5-100 ppm
155	METHYL CYCLOHEXANONE	2-100 ppm
152	METHYL ETHYL KETONE	0.02-0.6%
152D	METHYL ETHYL KETONE	2-600 ppm
153	METHYL ISOBUTYL KETONE	0.05-0.6%
71H	METHYL MERCAPTAN HIGH RANGE	20-2700 ppm
149	METHYL METHACRYLATE	10-500 ppm
138	METHYLENE CHLORIDE	20-500 ppm
138L	METHYLENE CHLORIDE	10-150 ppm
104	N-BUTANE	25-1400 ppm
114	N-BUTYL ALCOHOL	10-150 ppm
102H	n-HEXANE HIGH RANGE	0.015-1.2%
102L	N-HEXANE LOW RANGE	10-1200 ppm
20L	NICKEL CARBONYL	10-800 ppm
291	NICKEL TUBE	5-50 mg/l
10	NITRIC OXIDES	2.5-200 ppm
15L	NITRIC ACID L.R.	0.1-40 ppm
9D	NITROGEN DIOXIDE DOSI	0.1-30 ppm
9DL	NITROGEN DIOXIDE DOSI	0.01-3.0 ppm
9L	NITROGEN DIOXIDE LOW RANGE	0.5-125 ppm
11 HA	NITROGEN OXIDES	50-2500 ppm
11L	NITROGEN OXIDES	0.04-16.5 ppm
11S	NITROGEN OXIDES	5-625 ppm
11A	NITROGEN OXIDES AIRTEC	0.02-2 ppm
52	NITROPARAFFINS (PYROLYZER REQ)	0.5-30 ppm
33L	NITROUS	10-100 ppb

109A	OIL MIST AIRTEC	0.3-1.5 mg/m3
109AD	OIL MIST AIRTEC	0.2-5 mg/m3
31B	OXYGEN	3-24%
218	OZONE	1-10 mg/l
18L	OZONE L.R.	0.025-3 ppm
18M	OZONE MID R.	4-400 ppm
193	PENTENENITRILE	0.5-15 ppm
133HA	PERCHLORETHYLENE	7-900 ppm
133L	PERCHLORETHYLENE L. R.	1-75 ppm
133LL	PERCHLOROETHYLENE EXTRA L.R.	0.1-9 ppm
133M	PERCHLOROETHYLENE MID RANGE	2-250 ppm
106	PETROLEUM NAPHTHA	0.5-28 mg/l
60	PHENOL	0.4-187 ppm
16	PHOSGENE	0.05-20 ppm
7	PHOSPHINE	2.5-100 ppm
7J	PHOSPHINE HIGH RANGE	2.5-1000 ppm
7L	PHOSPHINE LOW RANGE	0.15-5 ppm
7LA	PHOSPHINE LOW RANGE	0.05-9.8 ppm
6LP	PIPELINE DEW POINT WATER VAPOR	3-100 LB/MMCF
25	POLYTEC II	Qualitative
26	POLYTEC III	Qualitative
27	POLYTEC IV	Qualitative
107	POLYTEC I	Qualitative
100B	PROPANE	0.1-2%
145	PROPYL ACETATE	20-500 ppm
182	PYRIDINE	0.2-35 ppm
115	SEC-BUTYL ALCOHOL	5-150 ppm
45S	SO2/H2S SIMULTANEOUS	SO2: 0.25-20 ppm, H2S: 1.25-120 ppm
128	STODDARD SOLVENT	50-8000 mg/m3
124	STYRENE	10-1500 ppm
124L	STYRENE L.R.	2-100 ppm
211M	SULFIDE ION MID- RANGE	2-300 mg/l
211 LL	SULFIDE ION XTRA LOW	0.5-20 mg/l
211	SULFIDE ION	1-100 mg/l
211 H	SULFIDE ION HIGH RANGE	10-1000 mg/l
5D	SULFUR DIOXIDE DOSI	0.2-100 ppm
5H	SULFUR DIOXIDE HIGH RANGE	0.05-8%
5DH	SULFUR DIOXIDE HR DOSI	10-600 ppm
5L	SULFUR DIOXIDE LOW RANGE	1.25-200 ppm
5LA	SULFUR DIOXIDE LOW RANGE	0.5-60 ppm
5LB	SULFUR DIOXIDE LOW RANGE	.05-10 ppm

5LC	SULFUR DIOXIDE LR	0.1-25 ppm
5M	SULFUR DIOXIDE MIDDLE RANGE	20-3600 ppm
35	SULFURIC ACID	0.5-5 mg/m3
75	TERT-BUTYL MERCAPTAN	2.5-150 mg/m3
77	TERT-BUTYL MERCAPTAN	1-15 mg/m3
133D	TETRACHLOROETHYLENE DOSI	3-150 ppm
159	TETRAHYDROFURAN	20-800 ppm
76	TETRAHYDROTHIOPHE NE	1-10 ppm
76H	TETRAHYDROTHIOPHE NE HR	10-200 ppm
76M	TETRAHYDROTHIOPHE NE MR	10-100 mg/m3
122	TOLUENE	5-690 ppm
122DL	TOLUENE DOSI	2-500 ppm
122L	TOLUENE L.R.	1-100 ppm
70	TOTAL MERCAPTANS	0.5-120 ppm
70L	TOTAL MERCAPTANS LOW RANGE	0.1-8 ppm
132D	TRICHLOROETHYLENE DOSI	3-300 ppm
132HH	TRICHLOROETHYLENE EXTRA H.R.	0.05-2.5%
132LL	TRICHLOROETHYLENE EXTRA L.R.	0.125-8.8 ppm
132HA	TRICHLOROETHYLENE H. R.	20-1300 ppm
132L	TRICHLOROETHYLENE L. R.	1-70 ppm
132M	TRICHLOROETHYLENE MID RANGE	2-250 ppm
143	VINYL ACETATE	5-250 ppm
131	VINYL CHLORIDE	0.02-2%
131LB	VINYL CHLORIDE	0.25-70 ppm
131L	VINYL CHLORIDE L.R.	0.1-6.6 ppm
131LA	VINYL CHLORIDE L.R.	0.25-54 ppm
130L	VINYLDENE CHLORIDE L.R.	0.4-40.6 ppm
6	WATER VAPOR	0.5-32 mg/l
6A	WATER VAPOR AIRTEC	30-80 mg/m3
6AH	WATER VAPOR AIRTEC	500-5000 ppm
6AG	WATER VAPOR HIGH RANGE AIRTEC	150-3000 mg/l
6L	WATER VAPOR LOW RANGE	0.05-2 mg/l
6LLP	WATER VAPOR XTRA LOW RANGE	2-10 LB/MMCF
123	XYLENE	5-625 ppm
285	ZINC TUBE	3 -20 mg/l