

Overview KIMESSA Gas detectors



Gas Type	Formula	Article Description	analog/digital	Range	measuring principle	EX-Zone	TLV	weight	Notes
Acetic Acid	CH3COOH	KSBA 1680	analog	0-30 ppm	EC		10 ppm	heavier	with electrolyte
		KSBC 1680	digital	0-30 ppm	EC		10 ppm	heavier	with electrolyte
Acetylene	C2H2	KSP 121	analog	0-3000 ppm	Pellistor			lighter	
		KSP 121	analog	0-100 % LEL	Pellistor			lighter	
		KSPC 121	digital	0-3000 ppm	Pellistor			lighter	
		KSPC 121	digital	0-100 % LEL	Pellistor			lighter	
		GSP 121 EX	analog	0-3000 ppm	Pellistor	1/2G		lighter	
		GSP 121 EX	analog	0-100 % LEL	Pellistor	1/2G		lighter	
		GSPM 121 EX	analog/digital	0-3000 ppm	Pellistor	1/2G		lighter	in certification
		GSPM 121 EX	analog/digital	0-100 % LEL	Pellistor	1/2G		lighter	in certification
		KSIM 1100	analog/digital	0-3000 ppm	IR			lighter	
KSIM 1100	analog/digital	0-100 % LEL	IR			lighter			
Ammonia	NH3	KSEA 517	analog	0-100 ppm	EC		20 ppm	lighter	
		KSEA 517	analog	0-250 ppm	EC		20 ppm	lighter	
		KSEA 517	analog	0-500 ppm	EC		20 ppm	lighter	
		KSEA 517	analog	0-1000 ppm	EC		20 ppm	lighter	
		KSEC 517	digital	0-100 ppm	EC		20 ppm	lighter	
		KSEC 517	digital	0-250 ppm	EC		20 ppm	lighter	
		KSEC 517	digital	0-500 ppm	EC		20 ppm	lighter	
		KSEC 517	digital	0-1000 ppm	EC		20 ppm	lighter	
		KSS 526	analog	0-250 ppm	SC		20 ppm	lighter	
		KSS 526	analog	0-500 ppm	SC		20 ppm	lighter	
		KSS 526	analog	0-1000 ppm	SC		20 ppm	lighter	
		KSP 141	analog	0-1,5 Vol. %	Pellistor		20 ppm	lighter	
		KSP 141	analog	0-3,0 Vol %	Pellistor		20 ppm	lighter	
		KSPC 141	digital	0-1,5 Vol %	Pellistor		20 ppm	lighter	
		KSPC 141	digital	0-3,0 Vol %	Pellistor		20 ppm	lighter	
		KSEA 517 TK	analog	0-1000 ppm	EC		20 ppm	lighter	for freezer to - 40 degree range
		KSEC 517 TK	digital	0-1000 ppm	EC		20 ppm	lighter	for freezer to - 40 degree range
GSE 517 EX	analog	0-100 ppm	EC	1/2G	20 ppm	lighter			

		GSE 517 EX	analog	0-250 ppm	EC	1/2G	20 ppm	lighter	
		GSE 517 EX	analog	0-500 ppm	EC	1/2G	20 ppm	lighter	
		GSE 517 EX	analog	0-1000 ppm	EC	1/2G	20 ppm	lighter	
		GSEM 517 EX	analog/digital	0-100 ppm	EC	1/2G	20 ppm	lighter	in certification
		GSEM 517 EX	analog/digital	0-250 ppm	EC	1/2G	20 ppm	lighter	in certification
		GSEM 517 EX	analog/digital	0-500 ppm	EC	1/2G	20 ppm	lighter	in certification
		GSEM 517 EX	analog/digital	0-1000 ppm	EC	1/2G	20 ppm	lighter	in certification
		GSS 526 EX	analog	0-250 ppm	SC	1/2G	20 ppm	lighter	
		GSS 526 EX	analog	0-500 ppm	SC	1/2G	20 ppm	lighter	
		GSS 526 EX	analog	0-1000 ppm	SC	1/2G	20 ppm	lighter	
		GSP 141 EX	analog	0-1,5 Vol %	Pellistor	1/2G	20 ppm	lighter	
GSP 141 EX	analog	0-3,0 Vol. %	Pellistor	1/2G	20 ppm	lighter			
Argon	is monitored by oxygen displacement, see oxygen (O2) detector								
Arsenic Hydrogen	AsH3	KSEA 767	analog	0-1 ppm	EC			heavier	
		KSEC 767	digital	0-1 ppm	EC			heavier	
		KSBA 767	analog	0-0,2 ppm	EC			heavier	with electrolyte
		KSBC 767	digital	0-0,2 ppm	EC			heavier	with electrolyte
Bromine	Br2	KSBA 900	analog	0-0.3 ppm	EC		0,1 ppm	heavier	with electrolyte
		KSBC 900	digital	0-0.3 ppm	EC		0,1 ppm	heavier	with electrolyte
Butane (R600a)	C4H10	KSP 121	analog	0-3000 ppm	Pellistor			heavier	
		KSP 121	analog	0-100 % LEL	Pellistor			heavier	
		KSPC 121	digital	0-3000 ppm	Pellistor			heavier	
		KSPC 121	digital	0-100 % LEL	Pellistor			heavier	
		GSP 121 EX	analog	0-3000 ppm	Pellistor	1/2G		heavier	
		GSP 121 EX	analog	0-100 % LEL	Pellistor	1/2G		heavier	
		KSS 112	analog	0-100 % LEL	SC			heavier	
		GSS 112 EX	analog	0-100 % LEL	SC	1/2G		heavier	
		GSPM 121 EX	analog/digital	0-3000 ppm	Pellistor	1/2G		heavier	in certification
GSPM 121 EX	analog/digital	0-100 % LEL	Pellistor	1/2G		heavier	in certification		
Carbon Dioxide (R744)	CO2	KSIM 1090	analog/digital	0-5000 ppm	IR		1000 ppm	heavier	
		KSIM 1090	analog/digital	0-1 Vol %	IR		0,5 Vol %	heavier	
		KSIM 1090	analog/digital	0-2,5 Vol %	IR		0,5 Vol %	heavier	in certification including standalone
		KSIM 1090	analog/digital	0-4 Vol %	IR		0,5 Vol %	heavier	in certification including standalone
		KSIM 1090	analog/digital	0-5 Vol %	IR		0,5 Vol %	heavier	in certification including standalone
		KSIM 1090	analog/digital	0-10 Vol %	IR		0,5 Vol %	heavier	in certification including standalone
		KSIM 1090	analog/digital	0-20 Vol %	IR		0,5 Vol %	heavier	in certification including standalone
		GSIM 1090 Ex	analog/digital	0-5000 ppm	IR	1/2G	0,5 Vol %	heavier	in certification including standalone

		GSIM 1090 Ex	analog/digital	0-1 Vol %	IR	1/2G	0,5 Vol %	heavier	in certification including standalone
		GSIM 1090 Ex	analog/digital	0-2,5 Vol %	IR	1/2G	0,5 Vol %	heavier	in certification including standalone
		GSIM 1090 Ex	analog/digital	0-4 Vol %	IR	1/2G	0,5 Vol %	heavier	in certification including standalone
		GSIM 1090 Ex	analog/digital	0-5 Vol %	IR	1/2G	0,5 Vol %	heavier	in certification including standalone
		GSIM 1090 Ex	analog/digital	0-10 Vol %	IR	1/2G	0,5 Vol %	heavier	in certification including standalone
		GSIM 1090 Ex	analog/digital	0-20 Vol %	IR	1/2G	0,5 Vol %	heavier	in certification including standalone
Carbon Monoxide	CO	KSEA 504	analog	0-250 ppm	EC		30 ppm	just lighter	underground parking
		KSEC 504	digital	0-250 ppm	EC		30 ppm	just lighter	underground parking combined
		KSEA 507	analog	0-100 ppm	EC		30 ppm	just lighter	
		KSEA 507	analog	0-300 ppm	EC		30 ppm	just lighter	
		KSEA 507	analog	0-500 ppm	EC		30 ppm	just lighter	
		KSEA 507	analog	0-1000 ppm	EC		30 ppm	just lighter	
		KSEC 507	digital	0-100 ppm	EC		30 ppm	just lighter	
		KSEC 507	digital	0-300 ppm	EC		30 ppm	just lighter	
		KSEC 507	digital	0-500 ppm	EC		30 ppm	just lighter	
		KSEC 507	digital	0-1000 ppm	EC		30 ppm	just lighter	
		GSE 507 EX	analog	0-100 ppm	EC	1/2G	30 ppm	just lighter	
		GSE 507 EX	analog	0-300 ppm	EC	1/2G	30 ppm	just lighter	
		GSE 507 EX	analog	0-500 ppm	EC	1/2G	30 ppm	just lighter	
		GSE 507 EX	analog	0-1000 ppm	EC	1/2G	30 ppm	just lighter	
		GSEM 507 EX	analog/digital	0-100 ppm	EC	1/2G	30 ppm	just lighter	in certification
		GSEM 507 EX	analog/digital	0-300 ppm	EC	1/2G	30 ppm	just lighter	in certification
		GSEM 507 EX	analog/digital	0-500 ppm	EC	1/2G	30 ppm	just lighter	in certification
		GSEM 507 EX	analog/digital	0-1000 ppm	EC	1/2G	30 ppm	just lighter	in certification
		KSIM 1500	analog/digital	0-2000 ppm	IR		30 ppm	just lighter	
		Chlorine	Cl2	KSEA 657	analog	0-5 ppm	EC		0,5 ppm
KSEA 657	analog			0-10 ppm	EC		0,5 ppm	heavier	
KSEA 657	analog			0-20 ppm	EC		0,5 ppm	heavier	
KSEA 657	analog			0-50 ppm	EC		0,5 ppm	heavier	
KSEC 657	digital			0-5 ppm	EC		0,5 ppm	heavier	
KSEC 657	digital			0-10 ppm	EC		0,5 ppm	heavier	
KSEC 657	digital			0-20 ppm	EC		0,5 ppm	heavier	
KSEC 657	digital			0-50 ppm	EC		0,5 ppm	heavier	
GSE 657 EX	analog			0-5 ppm	EC	1/2G	0,5 ppm	heavier	
GSE 657 EX	analog			0-10 ppm	EC	1/2G	0,5 ppm	heavier	
GSE 657 EX	analog			0-20 ppm	EC	1/2G	0,5 ppm	heavier	
GSE 657 EX	analog			0-50 ppm	EC	1/2G	0,5 ppm	heavier	

		GSEM 657 EX	analog/digital	0-5 ppm	EC	1/2G	0,5 ppm	heavier	in certification
		GSEM 657 EX	analog/digital	0-10 ppm	EC	1/2G	0,5 ppm	heavier	in certification
		GSEM 657 EX	analog/digital	0-20 ppm	EC	1/2G	0,5 ppm	heavier	in certification
		GSEM 657 EX	analog/digital	0-50 ppm	EC	1/2G	0,5 ppm	heavier	in certification
Chlorine dioxide	ClO2	KSEA 647	analog	0-5 ppm	EC		0,1 ppm	heavier	
		KSEA 647	analog	0-10 ppm	EC		0,1 ppm	heavier	
		KSEA 647	analog	0-20 ppm	EC		0,1 ppm	heavier	
		KSEA 647	analog	0-50 ppm	EC		0,1 ppm	heavier	
		KSEC 647	digital	0-5 ppm	EC		0,1 ppm	heavier	
		KSEC 647	digital	0-10 ppm	EC		0,1 ppm	heavier	
		KSEC 647	digital	0-20 ppm	EC		0,1 ppm	heavier	
		KSEC 647	digital	0-50 ppm	EC		0,1 ppm	heavier	
		GSE 647 EX	analog	0-5 ppm	EC	1/2G	0,1 ppm	heavier	
		GSE 647 EX	analog	0-10 ppm	EC	1/2G	0,1 ppm	heavier	
		GSE 647 EX	analog	0-20 ppm	EC	1/2G	0,1 ppm	heavier	
		GSE 647 EX	analog	0-50 ppm	EC	1/2G	0,1 ppm	heavier	
		GSEM 647 EX	analog/digital	0-5 ppm	EC	1/2G	0,1 ppm	heavier	in certification
		GSEM 647 EX	analog/digital	0-10 ppm	EC	1/2G	0,1 ppm	heavier	in certification
		GSEM 647 EX	analog/digital	0-20 ppm	EC	1/2G	0,1 ppm	heavier	in certification
		GSEM 647 EX	analog/digital	0-50 ppm	EC	1/2G	0,1 ppm	heavier	in certification
Chlorine Trifluoride	CLF3	KSBA 1463-BC	analog	0-0,3 ppm	EC		0,1 ppm	heavier	with electrolyte
		KSBC 1463-BC	digital	0-0,3 ppm	EC		0,1 ppm	heavier	with electrolyte
Diborane	B2H6	KSEA 777	analog	0-1 ppm	EC		0,1 ppm	lighter	
		KSEC 777	digital	0-1 ppm	EC		0,1 ppm	lighter	
Ethylene	C2H5OH	KSP 121	analog	0-5000 ppm	Pellistor		500 ppm	heavier	
		KSP 121	analog	0-100 % LEL	Pellistor		500 ppm	heavier	
		KSPC 121	digital	0-5000 ppm	Pellistor		500 ppm	heavier	
		KSPC 121	digital	0-100 % LEL	Pellistor		500 ppm	heavier	
		GSP 121 EX	analog	0-5000 ppm	Pellistor	1/2G	500 ppm	heavier	
		GSP 121 EX	analog	0-100 % LEL	Pellistor	1/2G	500 ppm	heavier	
		GSPM 121 EX	analog/digital	0-5000 ppm	Pellistor	1/2G	500 ppm	heavier	in certification
		GSPM 121 EX	analog/digital	0-100 % LEL	Pellistor	1/2G	500 ppm	heavier	in certification
Ethylene (Ethene)	C2H4	KSP 121	analog	0-100 % LEL	Pellistor		30 ppm	just lighter	
		KSPC 121	digital	0-100 % LEL	Pellistor		30 ppm	just lighter	
		GSP 121 EX	analog	0-100 % LEL	Pellistor	1/2G	30 ppm	just lighter	
		GSPM 121 EX	analog	0-100 % LEL	Pellistor	1/2G	30 ppm	just lighter	in certification
		KSS 112	analog	0-1000 ppm	SC		30 ppm	just lighter	

		KSS 112	analog	0-100 % LEL	SC		30 ppm	just lighter	
		GSS 112 EX	analog	0-1000 ppm	SC	1/2G	30 ppm	just lighter	
		GSS 112 EX	analog	0-100 % LEL	SC	1/2G	30 ppm	just lighter	
Ethylene Oxide	C2H4O	KSEA 747	analog	0-30 ppm	EC		30 ppm	heavier	
		KSEA 747	analog	0-100 ppm	EC		30 ppm	heavier	
		KSEC 747	digital	0-30 ppm	EC		30 ppm	heavier	
		KSEC 747	digital	0-100 ppm	EC		30 ppm	heavier	
		GSE 747 EX	analog	0-30 ppm	EC	1/2G	30 ppm	heavier	
		GSE 747 EX	analog	0-100 ppm	EC	1/2G	30 ppm	heavier	
		GSEM 747 EX	analog/digital	0-30 ppm	EC	1/2G	30 ppm	heavier	in certification
		GSEM 747 EX	analog/digital	0-100 ppm	EC	1/2G	30 ppm	heavier	in certification
		KSEA 747	analog	0-1000 ppm	EC		30 ppm	heavier	
		KSEC 747	digital	0-1000 ppm	EC		30 ppm	heavier	
		KSIM 747	analog/digital	0-1000 ppm	IR		30 ppm	heavier	
Fluorine	F2	KSBA 1400	analog	0-1 ppm	EC		1 ppm	heavier	with electrolyte
		KSBA 1400	analog	0-3 ppm	EC		1 ppm	heavier	with electrolyte
		KSBA 1400	analog	0-10 ppm	§		1 ppm	heavier	with electrolyte
		KSBC 1400	digital	0-1 ppm	EC		1 ppm	heavier	with electrolyte
		KSBC 1400	digital	0-3 ppm	EC		1 ppm	heavier	with electrolyte
		KSBC 1400	digital	0-10 ppm	EC		1 ppm	heavier	with electrolyte
Formaldehyde	CH2O	KSBA 1970	analog	0-2 ppm	EC		0,5 ppm	just lighter	with electrolyte
		KSBC 1970	digital	0-2 ppm	EC		0,5 ppm	just lighter	with electrolyte
Helium		is monitored by oxygen displacement, see oxygen (O2) detector							
Hexane	C6H14	KSP 121	analog	0-100 % LEL	Pellistor			heavier	
		KSPC 121	digital	0-100 % LEL	Pellistor			heavier	
		GSP 121 EX	analog	0-100 % LEL	Pellistor	1/2G		heavier	
		GSPM 121 EX	analog/digital	0-100 % LEL	Pellistor	1/2G		heavier	in certification
Hydrazine	N2H4 / C2H4(NH2)2	KSBA 2460-CB	analog	0-1 ppm	EC		0,01 ppm	heavier	with electrolyte
		KSBC 2460-CA	digital	0-1 ppm	EC		0,01 ppm	heavier	with electrolyte
Hydrogen	H2	KSEA 307	analog	0-2000 ppm	EC		LEL	lighter	
		KSEA 307	analog	0-1 Vol %	EC		LEL	lighter	
		KSEA 307	analog	0-4 Vol %	EC		LEL	lighter	
		KSEC 307	digital	0-2000 ppm	EC		LEL	lighter	
		KSEC 307	digital	0-1 Vol %	EC		LEL	lighter	
		KSEC 307	digital	0-4 Vol %	EC		LEL	lighter	
		GSE 307 EX	analog	0-2000 ppm	EC	1/2G	LEL	lighter	
		GSE 307 EX	analog	0-1 Vol %	EC	1/2G	LEL	lighter	

		GSE 307 EX	analog	0-4 Vol %	EC	1/2G	LEL	lighter	
		GSEM 307 EX	analog/digital	0-2000 ppm	EC	1/2G	LEL	lighter	in certification
		GSEM 307 EX	analog/digital	0-1 Vol %	EC	1/2G	LEL	lighter	in certification
		GSEM 307 EX	analog/digital	0-4 Vol %	EC	1/2G	LEL	lighter	in certification
		KSP 121	analog	0-100% LEL	Pellistor		LEL	lighter	
		KSPC 121	digital	0-100% LEL	Pellistor		LEL	lighter	
		GSP 121 EX	analog	0-100% LEL	Pellistor	1/2G	LEL	lighter	
		GSPM 121 EX	analog/digital	0-100 % LEL	Pellistor	1/2G	LEL	lighter	in certification
Hydrogen Bromide	HBr	KSBA 3480	analog	0-9 ppm	EC		2 ppm	heavier	with electrolyte
		KSBC 3480	digital	0-9 ppm	EC		2 ppm	heavier	with electrolyte
Hydrogen Chloride	HCl	KSEA 707	analog	0-30 ppm	EC		2 ppm	heavier	
		KSEA 707	analog	0-100 ppm	EC		2 ppm	heavier	
		KSEC 707	digital	0-30 ppm	EC		2 ppm	heavier	
		KSEC 707	digital	0-100 ppm	EC		2 ppm	heavier	
		GSE 707 EX	analog	0-30 ppm	EC	1/2G	2 ppm	heavier	
		GSE 707 EX	analog	0-100 ppm	EC	1/2G	2 ppm	heavier	
		GSEM 707 EX	analog/digital	0-30 ppm	EC	1/2G	2 ppm	heavier	in certification
		GSEM 707 EX	analog/digital	0-100 ppm	EC	1/2G	2 ppm	heavier	in certification
Hydrogen Cyanide	HCN	KSEA 667	analog	0-10 ppm	EC		2 ppm	heavier	
		KSEA 667	analog	0-30 ppm	EC		2 ppm	heavier	
		KSEA 667	analog	0-100 ppm	EC		2 ppm	heavier	
		KSEC 667	digital	0-10 ppm	EC		2 ppm	heavier	
		KSEC 667	digital	0-30 ppm	EC		2 ppm	heavier	
		KSEC 667	digital	0-100 ppm	EC		2 ppm	heavier	
		GSE 667 EX	analog	0-10 ppm	EC		2 ppm	heavier	
		GSE 667 EX	analog	0-30 ppm	EC		2 ppm	heavier	
		GSE 667 EX	analog	0-100 ppm	EC		2 ppm	heavier	
		GSEM 667 EX	analog/digital	0-10 ppm	EC	1/2G	2 ppm	heavier	in certification
		GSEM 667 EX	analog/digital	0-30 ppm	EC	1/2G	2 ppm	heavier	in certification
		GSEM 667 EX	analog/digital	0-100 ppm	EC	1/2G	2 ppm	heavier	in certification
Hydrogen Fluoride	HF	KSEA 737	analog	0-10 ppm	EC		1 ppm	lighter	
		KSEC 737	digital	0-10 ppm	EC		1 ppm	lighter	
		GSE 737 EX	analog	0-10 ppm	EC	1/2G	1 ppm	lighter	
		GSEM 737 EX	analog/digital	0-10 ppm	EC	1/2G	1 ppm	lighter	in certification
Hydrogen Selenide	H2Se	KSBA 3260	analog	0-0,2 ppm	EC		0,01 ppm	heavier	with electrolyte
		KSBC 3260	digital	0-0,2 ppm	EC		0,01 ppm	heavier	with electrolyte

Hydrogen Sulfide	H2S	KSEA 627	analog	0-30 ppm	EC		5 ppm	just heavier	
		KSEA 627	analog	0-50 ppm	EC		5 ppm	just heavier	
		KSEA 627	analog	0-100 ppm	EC		5 ppm	just heavier	
		KSEA 627	analog	0-200 ppm	EC		5 ppm	just heavier	
		KSEC 627	digital	0-30 ppm	EC		5 ppm	just heavier	
		KSEC 627	digital	0-50 ppm	EC		5 ppm	just heavier	
		KSEC 627	digital	0-100 ppm	EC		5 ppm	just heavier	
		KSEC 627	digital	0-200 ppm	EC		5 ppm	just heavier	
		GSE 627 EX	analog	0-30 ppm	EC	1/2G	5 ppm	just heavier	
		GSE 627 EX	analog	0-50 ppm	EC	1/2G	5 ppm	just heavier	
		GSE 627 EX	analog	0-100 ppm	EC	1/2G	5 ppm	just heavier	
		GSE 627 EX	analog	0-200 ppm	EC	1/2G	5 ppm	just heavier	
		GSEM 627 EX	analog/digital	0-30 ppm	EC	1/2G	5 ppm	just heavier	in certification
		GSEM 627 EX	analog/digital	0-50 ppm	EC	1/2G	5 ppm	just heavier	in certification
		GSEM 627 EX	analog/digital	0-100 ppm	EC	1/2G	5 ppm	just heavier	in certification
		GSEM 627 EX	analog/digital	0-200 ppm	EC	1/2G	5 ppm	just heavier	in certification
Isobutane	C4H10	KSP 121	analog	0-100 % LEL	Pellistor			heavier	
		KSPC 121	digital	0-100 % LEL	Pellistor			heavier	
		GSP 121 EX	analog	0-100 % LEL	Pellistor	1/2G		heavier	
		GSPM 121 EX	analog/digital	0-100 % LEL	Pellistor	1/2G		heavier	in certification
LPG (Liquefied Petroleum)	C3H8/ C4H10	KSP 121	analog	0-3000 ppm	Pellistor			heavier	
		KSP 121	analog	0-100 % LEL	Pellistor			heavier	
		KSPC 121	digital	0-3000 ppm	Pellistor			heavier	
		KSPC 121	digital	0-100 % LEL	Pellistor			heavier	
		GSP 121 EX	analog	0-3000 ppm	Pellistor	1/2G		heavier	
		GSP 121 EX	analog	0-100 % LEL	Pellistor	1/2G		heavier	
		GSPM 121 EX	analog/digital	0-3000 ppm	Pellistor	1/2G		heavier	
		KSIM 1100	analog/digital	0-3000 ppm	IR			heavier	
		KSIM 1100	analog/digital	0-100 % LEL	IR			heavier	
		GSM 1100 EX	analog/digital	0-3000 ppm	IR	1/2G		heavier	in certification
		GSM 1100 EX	analog/digital	0-100 % LEL	IR	1/2G		heavier	in certification
GSIM 1100 EX	analog/digital	0-100 Vol %	IR	1/2G		heavier	in certification		
Methane	CH4	KSP 121	analog	0-3000 ppm	Pellistor			lighter	
		KSP 121	analog	0-100 % LEL	Pellistor			lighter	
		KSPC 121	digital	0-3000 ppm	Pellistor			lighter	
		KSPC 121	digital	0-100 % LEL	Pellistor			lighter	
		GSP 121 EX	analog	0-3000 ppm	Pellistor	1/2G		lighter	

		GSP 121 EX	analog	0-100 % LEL	Pellistor	1/2G		lighter	
		KSS 113	analog	0-100 % LEL	SC			lighter	
		GSS 113 EX	analog	0-100 % LEL	SC	1/2G		lighter	
		KSIM 1100	analog	0-3000 ppm	IR			lighter	
		KSIM 1100	analog	0-100 % LEL	IR			lighter	
		GSIM 1100 EX	analog/digital	0-3000 ppm	IR	1/2G		lighter	in certification
		GSIM 1100 EX	analog/digital	0-100 % LEL	IR	1/2G		lighter	in certification
		GSIM 1100 EX	analog/digital	0-100 Vol %	IR	1/2G		lighter	in certification
Methanol	CH3OH	KSP 121	analog	0-100 % LEL	Pellistor			just heavier	
		KSPC 121	digital	0-100 % LEL	Pellistor			just heavier	
		GSP 121 EX	analog	0-100 % LEL	Pellistor	1/2G		just heavier	
		GSPM 121 EX	analog/digital	0-100 % LEL	Pellistor	1/2G		just heavier	in certification
		KSIM 1100	analog/digital	0-100 % LEL	IR			just heavier	
		GSIM 1100 EX	analog/digital	0-100 % LEL	IR	1/2G		just heavier	in certification
Nitric Acid Vapour	HNO3	KSBA 1783	analog	0-6 ppm	EC		2 ppm	heavier	with electrolyte
		KSBC 1783	digital	0-6 ppm	EC		2 ppm	heavier	with electrolyte
Nitrogen		is monitored by oxygen displacement, see oxygen (O2) detector							
Nitrogen Dioxide	NO2	KSEA 684	analog	0-10 ppm	EC		0,5 ppm	heavier	
		KSEA 687	analog	0-20 ppm	EC		0,5 ppm	heavier	
		KSEA 687	analog	0-50 ppm	EC		0,5 ppm	heavier	
		KSEA 687	analog	0-100 ppm	EC		0,5 ppm	heavier	
		KSEC 684	digital	0-10 ppm	EC		0,5 ppm	heavier	
		KSEC 687	digital	0-20 ppm	EC		0,5 ppm	heavier	
		KSEC 687	digital	0-50 ppm	EC		0,5 ppm	heavier	
		KSEC 687	digital	0-100 ppm	EC		0,5 ppm	heavier	
		GSE 687 EX	analog	0-10 ppm	EC	1/2G	0,5 ppm	heavier	
		GSE 687 EX	analog	0-20 ppm	EC	1/2G	0,5 ppm	heavier	
		GSE 687 EX	analog	0-50 ppm	EC	1/2G	0,5 ppm	heavier	
		GSE 687 EX	analog	0-100 ppm	EC	1/2G	0,5 ppm	heavier	
		GSEM 687 EX	analog/digital	0-10 ppm	EC	1/2G	0,5 ppm	heavier	in certification
		GSEM 687 EX	analog/digital	0-20 ppm	EC	1/2G	0,5 ppm	heavier	in certification
		GSEM 687 EX	analog/digital	0-50 ppm	EC	1/2G	0,5 ppm	heavier	in certification
		GSEM 687 EX	analog/digital	0-100 ppm	EC	1/2G	0,5 ppm	heavier	in certification

Nitrogen Monoxide	NO	KSEA 675	analog	0-5 ppm	EC		0,5 ppm	just heavier	
		KSEA 675	analog	0-10 ppm	EC		0,5 ppm	just heavier	
		KSEC 675	digital	0-5 ppm	EC		0,5 ppm	just heavier	
		KSEC 675	digital	0-10 ppm	EC		0,5 ppm	just heavier	
		KSEA 677	analog	0-20 ppm	EC		0,5 ppm	just heavier	
		KSEA 677	analog	0-50 ppm	EC		0,5 ppm	just heavier	
		KSEA 677	analog	0-100 ppm	EC		0,5 ppm	just heavier	
		KSEA 677	analog	0-500 ppm	EC		0,5 ppm	just heavier	
		KSEC 677	digital	0-20 ppm	EC		0,5 ppm	just heavier	
		KSEC 677	digital	0-50 ppm	EC		0,5 ppm	just heavier	
		KSEC 677	digital	0-100 ppm	EC		0,5 ppm	just heavier	
		KSEC 677	digital	0-500 ppm	EC		0,5 ppm	just heavier	
		GSE 677 EX	analog	0-20 ppm	EC	1/2G	0,5 ppm	just heavier	
		GSE 677 EX	analog	0-50 ppm	EC	1/2G	0,5 ppm	just heavier	
		GSE 677 EX	analog	0-100 ppm	EC	1/2G	0,5 ppm	just heavier	
		GSE 677 EX	analog	0-500 ppm	EC	1/2G	0,5 ppm	just heavier	
		GSEM 677 EX	analog/digital	0-20 ppm	EC	1/2G	0,5 ppm	just heavier	in certification
		GSEM 677 EX	analog/digital	0-50 ppm	EC	1/2G	0,5 ppm	just heavier	in certification
		GSEM 677 EX	analog/digital	0-100 ppm	EC	1/2G	0,5 ppm	just heavier	in certification
		GSEM 677 EX	analog/digital	0-500 ppm	EC	1/2G	0,5 ppm	just heavier	in certification
Nitroux Oxide	N2O	KSIM 1570	analog/digital	0-1000 ppm	IR		50 ppm	heavier	
		KSIM 1570	analog/digital	0-2000 ppm	IR		50 ppm	heavier	
Oxygen	O2	KSEA 401	analog	0-25 Vol %	EC		19/23 Vol %	the same	
		KSEC 401	digital	0-25 Vol %	EC		19/23 Vol %	the same	
		GSE 401 EX	analog	0-25 Vol %	EC	1/2G	19/23 Vol %	the same	
		GSEM 407 EX	analog	0-25 Vol %	EC	1/2G	19/23 Vol %	the same	in certification
		KSEA 402	analog	0-100 Vol %	EC		19/23 Vol %	the same	
		KSEC 402	digital	0-100 Vol %	EC		19/23 Vol %	the same	
		GSE 402 EX	analog	0-100 Vol %	EC	1/2G	19/23 Vol %	the same	
		GSEM 407 EX	digital	0-100 Vol. %	EC	1/2G	19/23 Vol %	the same	in certification
Ozone	O3	KSEA 847	analog	0-1 ppm	EC		not defined	heavier	
		KSEA 847	analog	0-5 ppm	EC		not defined	heavier	
		KSEC 847	digital	0-1 ppm	EC		not defined	heavier	
		KSEC 847	digital	0-5 ppm	EC		not defined	heavier	
		GSE 847 EX	analog	0-1 ppm	EC	1/2G	not defined	heavier	
		GSEM 847 EX	analog/digital	0-1 ppm	EC	1/2G	not defined	heavier	in certification

Pentane	C5H12	KSP 121	analog	0-100 % LEL	Pellistor			heavier	
		KSPC 121	digital	0-100 % LEL	Pellistor			heavier	
		GSP 121 EX	analog	0-100 % LEL	Pellistor	1/2G		heavier	
		GSPM 121 EX	analog	0-100 % LEL	Pellistor	1/2G		heavier	
		KSIM 1100	analog	0-100 % LEL	IR			heavier	
		GSIM 1100 EX	analog	0-100 % LEL	IR	1/2G		heavier	in certification
Phosgene	COCl2	KSEA 757	analog	0-1 ppm	EC		0,1 ppm	heavier	
		KSEA 757	analog	0-3 ppm	EC		0,1 ppm	heavier	
		KSEC 757	digital	0-1 ppm	EC		0,1 ppm	heavier	
		KSEC 757	digital	0-3 ppm	EC		0,1 ppm	heavier	
		GSE 757 EX	analog	0-1 ppm	EC	1/2G	0,1 ppm	heavier	
		GSE 757 EX	analog	0-3 ppm	EC	1/2G	0,1 ppm	heavier	
		GSEM 757 EX	analog/digital	0-1 ppm	EC	1/2G	0,1 ppm	heavier	in certification
		GSEM 757 EX	analog/digital	0-3 ppm	EC	1/2G	0,1 ppm	heavier	in certification
Phosphine	PH3	KSBA 5000	analog	0-1 ppm	EC		0,1 ppm	just heavier	with electrolyte
		KSBC 5000	digital	0-1 ppm	EC		0,1 ppm	just heavier	with electrolyte
		KSEA 727	analog	0-5 ppm	EC		0,1 ppm	just heavier	
		KSEA 727	analog	0-10 ppm	EC		0,1 ppm	just heavier	
		KSEA 727	analog	0-20 ppm	EC		0,1 ppm	just heavier	
		KSEC 727	digital	0-5 ppm	EC		0,1 ppm	just heavier	
		KSEC 727	digital	0-10 ppm	EC		0,1 ppm	just heavier	
		KSEC 727	digital	0-20 ppm	EC		0,1 ppm	just heavier	
		GSE 727 EX	analog	0-5 ppm	EC	1/2G	0,1 ppm	just heavier	
		GSE 727 EX	analog	0-10 ppm	EC	1/2G	0,1 ppm	just heavier	
		GSE 727 EX	analog	0-20 ppm	EC	1/2G	0,1 ppm	just heavier	
		GSEM 727 EX	analog/digital	0-5 ppm	EC	1/2G	0,1 ppm	just heavier	in certification
		GSEM 727 EX	analog/digital	0-10 ppm	EC	1/2G	0,1 ppm	just heavier	in certification
		GSEM 727 EX	analog/digital	0-20 ppm	EC	1/2G	0,1 ppm	just heavier	in certification
Propane	C3H8	KSP 121	analog	0-3000 ppm	Pellistor			heavier	
		KSP 121	analog	0-100 % LEL	Pellistor			heavier	
		KSPC 121	digital	0-3000 ppm	Pellistor			heavier	
		KSPC 121	digital	0-100 % LEL	Pellistor			heavier	
		GSP 121 EX	analog	0-3000 ppm	Pellistor	1/2G		heavier	
		GSP 121 EX	analog	0-100 % LEL	Pellistor	1/2G		heavier	
		KSS 112	analog	0-100 % LEL	SC			heavier	
		GSS 112 EX	analog	0-100 % LEL	SC	1/2G		heavier	
		KSIM 1100	analog/digital	0-3000 ppm	IR			heavier	

		KSIM 1100	analog/digital	0-100% LEL	IR			heavier	
		GSIM 1100 EX	analog/digital	0-3000 ppm	IR	1/2G		heavier	in certification
		GSIM 1100 EX	analog/digital	0-100 % LEL	IR	1/2G		heavier	in certification
		GSIM 1100 EX	analog/digital	0-100 Vol %	IR	1/2G		heavier	in certification
Refrigerant R134a (Tetrafluoroethane)	R134a	KSS 532	analog	0-2500 ppm	SC		1000 ppm	heavier	digital with connectionbox
		GSS 532 EX	analog	0-2500 ppm	SC	1/2G	1000 ppm	heavier	
		KSIM 1530	analog/digital	0-5000 ppm	IR		1000 ppm	heavier	
		GSIM 1530 EX	analog/digital	0-5000 ppm	IR	1/2G	1000 ppm	heavier	in certification also standalone
Refrigerant R143a (Trifluoroethane)	R143a	KSS 532	analog	0-2500 ppm	SC		1000 ppm	heavier	
		GSS 532 EX	analog	0-2500 ppm	SC	1/2G	1000 ppm	heavier	
		KSIM 1530	analog/digital	0-5000 ppm	IR		1000 ppm	heavier	
		GSIM 1530 EX	analog/digital	0-5000 ppm	IR	1/2G	1000 ppm	heavier	in certification including standalone
Refrigerant R404a (is R125, R143a, R134a)	R404a	KSS 532	analog	0-2500 ppm	SC		1000 ppm	heavier	digital with connectionbox
		GSS 532 EX	analog	0-2500 ppm	SC	1/2G	1000 ppm	heavier	
		KSIM 1530	analog/digital	0-5000 ppm	IR		1000 ppm	heavier	
		GSIM 1530 EX	analog/digital	0-5000 ppm	IR	1/2G	1000 ppm	heavier	in certification also standalone
		KSS 532	analog	0-2500 ppm	SC		1000 ppm	heavier	in certification also standalone
		GSS 532 EX	analog	0-2500 ppm	SC	1/2G	1000 ppm	heavier	
		KSIM 1530	analog/digital	0-5000 ppm	IR		1000 ppm	heavier	
		GSIM 1530 EX	analog/digital	0-5000 ppm	IR	1/2G	1000 ppm	heavier	in certification also standalone
Refrigerant R407C (is R32, R125, R134a)	R407c	KSS 532	analog	0-2500 ppm	SC		1000 ppm	heavier	
		GSS 532 EX	analog	0-2500 ppm	SC	1/2G	1000 ppm	heavier	
		KSIM 1530	analog/digital	0-5000 ppm	IR		1000 ppm	heavier	
		GSIM 1530 EX	analog/digital	0-5000 ppm	IR	1/2G	1000 ppm	heavier	in certification including standalone
Silane	SiH4	KSBA 5000	analog	0-1 ppm	EC		1 ppm	just heavier	with electrolyte
		KSBC 5000	digital	0-1 ppm	EC		1 ppm	just heavier	with electrolyte
		KSEA 717	analog	0-20 ppm	EC		1 ppm	just heavier	
		KSEA 717	analog	0-50 ppm	EC		1 ppm	just heavier	
		KSEC 717	digital	0-20 ppm	EC		1 ppm	just heavier	
		KSEC 717	digital	0-50 ppm	EC		1 ppm	just heavier	
		GSE 717 EX	analog	0-20 ppm	EC	1/2G	1 ppm	just heavier	
		GSE 717 EX	analog	0-50 ppm	EC	1/2G	1 ppm	just heavier	
		GSEM 717 EX	analog/digital	0-20 ppm	EC	1/2G	1 ppm	just heavier	in certification
		GSEM 717 EX	analog/digital	0-50 ppm	EC	1/2G	1 ppm	just heavier	in certification
Solvents		KSP 1F1	analog	0-100 % LEL	Pellistor			heavier	
		KSPC 1F1	digital	0-100 % LEL	Pellistor			heavier	
		GSP 1F1 EX	analog	0-100 % LEL	Pellistor	1/2G		heavier	

		GSPM 1F1 EX	analog	0-100 % LEL	Pellistor	1/2G		heavier	in certification
		KSIM 1100	analog/digital	0-100 % LEL	IR			heavier	
		GSIM 1100 EX	analog/digital	0-100 % LEL	IR	1/2G		heavier	in certification
Sulfur Dioxide	SO2	KSEA 637	analog	0-10 ppm	EC		0,5 ppm	heavier	
		KSEA 637	analog	0-50 ppm	EC		0,5 ppm	heavier	
		KSEA 637	analog	0-100 ppm	EC		0,5 ppm	heavier	
		KSEC 637	digital	0-10 ppm	EC		0,5 ppm	heavier	
		KSEC 637	digital	0-50 ppm	EC		0,5 ppm	heavier	
		KSEC 637	digital	0-100 ppm	EC		0,5 ppm	heavier	
		GSE 637 EX	analog	0-10 ppm	EC	1/2G	0,5 ppm	heavier	
		GSE 637 EX	analog	0-50 ppm	EC	1/2G	0,5 ppm	heavier	
		GSE 637 EX	analog	0-100 ppm	EC	1/2G	0,5 ppm	heavier	
		GSEM 637 EX	analog/digital	0-10 ppm	EC	1/2G	0,5 ppm	heavier	in certification
		GSEM 637 EX	analog/digital	0-50 ppm	EC	1/2G	0,5 ppm	heavier	in certification
		GSEM 637 EX	analog/digital	0-100 ppm	EC	1/2G	0,5 ppm	heavier	in certification
Sulfur Hexafluoride	SF6	KSIM 1260	analog	0-1000 ppm	IR		1000 ppm	heavier	
		KSIM 1260	analog	0-5000 ppm	IR		1000 ppm	heavier	
		KSIM 1260	analog	0-5 Vol %	IR		1000 ppm	heavier	
		GSIM 1260 Ex	digital	0-1000 ppm	IR	1/2G	1000 ppm	heavier	in certification
		GSIM 1260 Ex	digital	0-5000 ppm	IR	1/2G	1000 ppm	heavier	in certification
		GSIM 1260 Ex	digital	0-5 Vol %	IR	1/2G	1000 ppm	heavier	in certification
Sulfur Trioxide	SO3	KSBA 983	analog	0-0,2 ppm	EC			heavier	with electrolyte
		KSBC 983	digital	0- 0,2 ppm	EC			heavier	with electrolyte