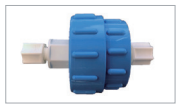
ChemLogic 8 ChemLogic 8 Point Continuous Gas Monitor

| New intelligent Optics : Reduced Maintenance and risk of False Alarms | Optimized flow system : Quicker response | 2 & 4 Month Cassettes : Reduced operation cost | ChemLogic Technology : Field proven reliability | Remote mountable I/O : Reduced cost of installation | Flash Memory Storage : Easily retrievable data | Real time trend display : Quick real time information | Complete front access : Easy to service | Touch screen control : Easy to startup & operate | Compact size : Simple to install |

IMAGE

ACCESSORIES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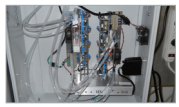
Filter 780248


Filters 2-800-013.1


Filters 2-800-013


Pyrolyzer Unit

SPECIFICATION

※ Specifications are subject to be changed without prior notice.

CL8 TECHNICAL SPECIFICATIONS	
Detection Principal	ChemLogic Technology
Gases Available	See Below
Monitoring Points	8
Enclosure	Powder Coated Steel
Sample Distance	250ft (76m) 1/4" OD 3/16"ID Teflon FEP
Exhaust Tubing	25ft (7.62m) 3/8"OD 1/4"ID Poly-E (included)
Display	8" Color Touch Screen HMI
Local Alarm Indication	Audible and Visual
Relay Outputs	Programmable Low and High Level
Operating Temperature	40F to 104F (5℃ to 40℃)
Shipping Weight	70 lbs.
Operating Voltage	100/110 VAC @ 50/60Hz, 230 VAC 50Hz
Power Consumption	Less than 1 Amp
Dimensions	H 20.0" (508mm) x W 11.3" (287mm) x L 21.0" (533.5mm)

HYDRIDES		OXIDIZERS	
Arsine (AsH3)	0-500ppb	Chlorine (Cl2)	0-5000ppb
Diborane (B2H6)	0-1000ppb	LL Chlorine (Cl2)	0-50ppb
Hydrogen Sul fide (H2S)	0-20ppm	Nitrogen Dioxide (NO2)	0-30ppm
Phosphine (PH3)	0-1500ppb	Fluorine (F2)	
Si lane (SiH4)	0-50ppm	OTHER	
Tertiary-Butyl -Arsine (TBA)	0-500ppb	Acetic Acid (Low Level)	0-50ppb
*Arsine (AsH3)-LL	0-50ppb	Ammonia (NH3)	0-75ppm
*Germane (GeH4)	0-2000ppb	Bromine (Br)	0-1000ppb
*Hydrogen Selenide (H2Se)	0-500ppb	Carbon Sulfide (COS)	0-20ppm
*Alternate Hydride table selections		Hydrazine (N2H4)	0-500ppb
		Hydrogen Cyanide (HCN)	0-2500ppb
MINERAL ACIDS		Methyl Isocyanate (MIC)	0-10ppm
Boron Trifluoride (BF3)	0-3200ppb	Phosgene (COCL2)	0-1000ppb
Hydrogen Bromide (HBr)	0-20ppm	Velcorin	0-200ppb
Hydrogen Chloride (HCl)	0-15ppm	**C5F8	0-15ppm
Hydrogen Fluoride (HF)	0-10ppm	**Ni trogen Trifluoride (NF3)	0-15ppm
Nitric Acid (HNO3)	0-6ppm	**Indicates pyrolyzer required	
Sul furic Acid (H2SO4)	0-750ppb		

Colorimetric (ChemLogic) Gas Monitor

FORMULA	GAS	LDL	Full Scale	Units	Alarm 1 Default	Alarm 2 Default	DIVISION
Acetic Acid	CH3CO2H	0.7	50	ppb	10000	20000	OTHER
Ammonia	NH3	1.2	75	ppm	25	50	OTHER
Arsenic Pentafluoride^	AsF5 (HF)	0.2	10	ppm	2	4	MINERAL ACIDS
Arsenic Trichloride^^	AsHCl3 (HCl)	0.2	15	ppm	5	10	MINERAL ACIDS
Arsenic Trifluoride^	AsF3 (HF)	0.2	10	ppm	2	4	MINERAL ACIDS
Arsine	AsH3	2.2	500	ppb	50	100	HYDRIDES
Arsine	AsH3	0.3	50	ppb	5	10	HYDRIDES
Boron Tribromide^^^	BBr3 (HBr)	0.1	20	ppm	3	6	MINERAL ACIDS
Boron Trichloride^^	BCl3 (HCl)	0.2	15	ppm	5	10	MINERAL ACIDS
Boron Trifluoride	BF3	90.1	5000	ppb	1000	2000	MINERAL ACIDS
Bromine	Br2	72.2	3200	ppb	100	200	OXIDIZERS
Carbonyl Sulfide	COS	0.9	20	ppm	5	10	HYDRIDES
Carbonyl Fluoride^	COF2 (HF)	0.2	10	ppm	2	4	MINERAL ACIDS
Chlorine	Cl2	44.6	5000	ppb	500	1000	OXIDIZERS
Chlorine	Cl2	50.1	32000	ppb	500	1000	OXIDIZERS
Chlorine	Cl2	6.9	2000	ppb	500	1000	OXIDIZERS
Chlorine	Cl2	1	30	ppb	500	1000	OXIDIZERS
Chlorine Trifluoride^	ClF3 (HF)	0.2	10	ppm	2	4	MINERAL ACIDS
Hexafluorocyclobutene**	C4F6	1.5	40	ppm	5	10	OTHER
Diborane	B2H6	6	1000	ppb	100	200	HYDRIDES
Dichlorosilane^^	SiH3Cl2 (HCl)	0.2	15	ppm	5	10	HYDRIDES
Fluorine	F2	49.8	3200	ppb	1000	2000	OXIDIZERS
Fluorosilicic acid^	H2SiF6 (HF)	0.2	10	ppm	2	4	MINERAL ACIDS
Germane	GeH4	62.1	2000	ppb	200	400	HYDRIDES
Germanium Tetrafluoride^	GeF4 (HF)	0.2	10	ppm	2	4	MINERAL ACIDS
Hexachlorodisilane^^	SiCl2 (HCl)	0.2	15	ppm	5	10	MINERAL ACIDS
Hydrazine	N2H4	4.3	500	ppb	10	20	OTHER
Hydrogen Chloride	HCl	0.2	15	ppm	5	10	MINERAL ACIDS
Hydrogen Chloride	HCl	20	4000	ppb	500	1000	MINERAL ACIDS
Hydrogen Bromide	HBr	0.1	20	ppm	3	6	MINERAL ACIDS
Hydrogen Cyanide	HCN	298.2	2500	ppb	500	1000	OTHER
Hydrogen Fluoride	HF	0.2	10	ppm	2	4	MINERAL ACIDS
Hydrogen Selenide	H2Se	5.1	500	ppb	50	100	HYDRIDES
Hydrogen Sulfide	H2S	13.3	1500	ppb	1000	2000	HYDRIDES
Hydrogen Sulfide	H2S	13.3	500	ppb	1000	2000	HYDRIDES
Hydrogen Sulfide	H2S	10	90	ppb	1000	2000	HYDRIDES
Hydrogen Sulfide	H2S	0.2	50	ppm	1	2	HYDRIDES
Hydrogen Sulfide	H2S	0.2	20	ppm	1	2	HYDRIDES
Hydrogen Sulfide	H2S	0.1	5	ppm	1	2	HYDRIDES
Methylene Isocyanate	MIC	3.7	100	ppm	2.5	5	OTHER
Methylene Isocyanate	MIC	1.5	10	ppm	2.5	5	OTHER
Nitric Acid	HNO3	187.5	5000	ppb	2000	4000	MINERAL ACIDS
Nitrogen Dioxide	NO2	0.3	100	ppm	3	6	OXIDIZERS
Nitrogen Dioxide	NO2	1.3	30	ppm	3	6	OXIDIZERS
Nitrogen Trifluoride	NF3	0.3	20	ppm	10	20	MINERAL ACIDS
Octafluorocyclopentene	C5F8	0.5	15	ppm	2	4	OTHER
Phenyl Trichlorosilane^^	SiCl3Ph (HCl)	0.2	15	ppm	5	10	OTHER
Phosgene	COCl2	8.8	5000	ppb	100	200	OTHER
Phosgene	COCl2	8.9	4000	ppb	100	200	OTHER
Phosgene	COCl2	8.8	3250	ppb	100	200	OTHER
Phosgene	COCl2	5.2	3000	ppb	100	200	OTHER
Phosgene	COCl2	6.6	1000	ppb	100	200	OTHER
Phosgene	COCl2	6.6	900	ppb	100	200	OTHER
Phosgene	COCl2	3.9	300	ppb	100	200	OTHER
Phosphine	PH3	4.8	300	ppb	50	100	HYDRIDES
Phosphine	PH3	4.9	1500	ppb	300	600	HYDRIDES
Phosphorus Oxychloride^^	POCl3 (HCl)	0.2	15	ppm	5	10	MINERAL ACIDS
Phosphorus Pentachloride^^	PCl5 (HCl)	0.2	15	ppm	5	10	OTHER
Phosphorus Pentafluoride^	PF5 (HF)	0.2	10	ppm	2	4	MINERAL ACIDS
Phosphorus Tribromide^^^	PBr3 (HBr)	0.1	20	ppm	3	6	MINERAL ACIDS
Phosphorus Trichloride^^	PCl3 (HCl)	0.2	15	ppm	5	10	MINERAL ACIDS
Phosphorus Trifluoride^	PF3 (HF)	0.2	10	ppm	2	4	MINERAL ACIDS
Silane	SiH4	0.2	50	ppm	5	10	HYDRIDES
Silicon Tetrachloride^^	SiCl4 (HCl)	0.2	15	ppm	5	10	MINERAL ACIDS
Stibine	SbH3	14.6	500	ppb	100	200	HYDRIDES
Sulfur Dioxide	SO2	19.3	2500	ppb	250	500	OTHER
Sulfur Tetrafluoride^	SF4 (HF)	0.2	10	ppm	2	4	MINERAL ACIDS
Sulfuric Acid	H2SO4	97.1	3200	ppb	50	100	MINERAL ACIDS
Tetrafluorosilane^	SiF4 (HF)	0.2	10	ppm	2	4	MINERAL ACIDS
Tin Tetrachloride^^	SnCl4 (HCl)	0.2	15	ppm	5	10	MINERAL ACIDS
Trichlorosilane^^	SiHCl3 (HCl)	0.2	15	ppm	5	10	HYDRIDES, MINERAL ACIDS
Tungsten Hexafluoride^	WF6 (HF)	0.2	10	ppm	2	4	OTHER
Trichlorosilane^^	SiHCl3 (HCl)	0.2	15	ppm	5	10	HYDRIDES, MINERAL ACIDS
Tungsten Hexafluoride^	WF6 (HF)	0.2	10	ppm	2	4	MINERAL ACIDS
Velcorin	DMDC	8.9	200	ppb	40	80	OTHER

* Additional ranges may be available and are subject to change. Please see specific product brochure or contact DOD Technologies.

** Requires pyrolyzer option for detection

^ Compounds which hydrolyze to HF

^^ Compounds which hydrolyze to HCl

^^^ Compounds which hydrolyze to HBr