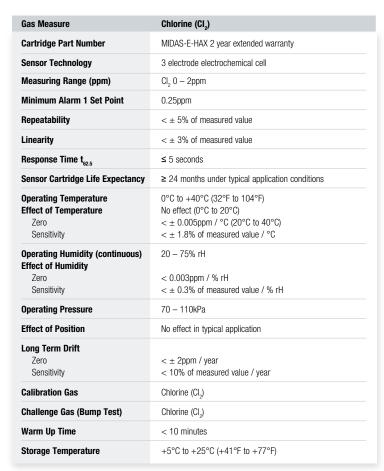


Midas® sensor cartridge specifications

Halogen Group (Cl₂) MIDAS-E-HAX



The sensor data listed is based on ideal test environment; observed performance may vary based on the actual monitoring system and the sampling conditions employed



Cross Sensitivities

Each Midas® sensor is potentially cross sensitive to other gases and this may cause a gas reading when exposed to other gases than those originally designated. The table below presents typical readings that will be observed when a new sensor cartridge is exposed to the cross sensitive gas (or a mixture of gases containing the cross sensitive species).

Gas / Vapor	Chemical Formula	Concentration Applied (ppm)	Reading (ppm Cl ₂)
Ammonia	NH_{3}	100	0
Bromine	Br_2	1	1.0(theoretical)
Carbon Dioxide	CO ₂	1%	0
Carbon Monoxide	CO	100	0
Chlorine Dioxide	CIO ₂	2.4	0.55
Hydrogen	H_2	3000	0
Hydrogen Sulfide	H_2S	20	0.1
Nitrogen Dioxide	NO ₂	10	4.5
Ozone	03	0.25	0.11
Sulfur Dioxide	SO ₂	20	0
Isopropyl Alcohol	C ₃ H ₇ OH	No response	

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