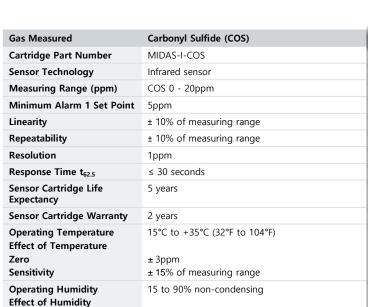
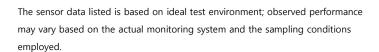


Midas_® Sensor Cartridge Specifications

Carbonyl Sulfide (COS) MIDAS-I-COS





 $\pm 3ppm$

90 – 110kPa

< 20 minutes

± 15% of measuring range

Carbonyl Sulfide (10ppm COS)

Carbonyl Sulfide (10ppm COS)

+5°C to +25°C (+41°F to +77°F)

NOTE: Minimum Midas firmware version is 2.16.b10 or later (2nd generation MIDAS (tricolor LCD), not compatible with 1st generation MIDAS (non-tricolor LCD versions)

Find out more

Zero

Sensitivity

Operating Pressure
Calibration Gas

Bump Test Gas

Warm Up Time

Storage Temperature

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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 Measured	Chemical Formula	Concentration Applied(ppm)	Reading (ppm COS)
Carbon Monoxide	CO	3000	0
Hydrogen Sulfide	H ₂ S	5	0
Sulfur Dioxide	SO ₂	75	0
Nitrogen Dioxide	NO ₂	50	0
Chlorine	Cl2	1	0
Hydrogen	H ₂	500	0
Hydrogen Cyanide	HCN	100	0
Hydrogen Chloride	HCI	4	0
Ethylene	C2H4	10000	6
Nitric Oxide	NO	50	0
iso -Propyl Alcohol (IPA)	СзН7ОН	2000	0
Ethanol	C ₂ H ₆ O	1000	0
FC-3283	CF4 + C2F6	500	0
Methanol	CH₃OH	20000	20

Technical Services

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