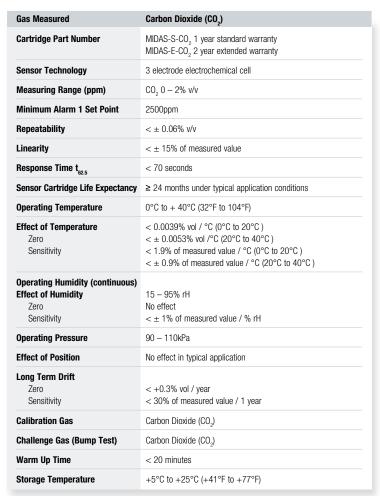


Midas® sensor cartridge specifications

Carbon Dioxide (CO₂) MIDAS-S-CO2, MIDAS-E-CO2



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 CO ₂)
Carbon Monoxide	CO	500	< 0.05
Chlorine	Cl_2	2	< 0.05
Hydrogen	H_2	1000	< 0.05
Hydrogen Sulphide	H_2S	75	< 0.05
Methane	CH ₄	20000	< 0.05
Nitrogen Dioxide	NO_2	50	< 0.05
Sulphur Dioxide	SO ₂	50	< 0.05
Methanol	CH₃OH	1000	< 0.05

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Please Note

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