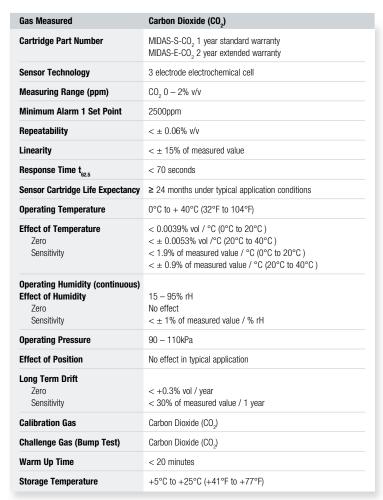


Midas® sensor cartridge specifications

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 ${\bf CO_2}$)
Carbon Monoxide	CO	500	< 0.05
Chlorine	Cl ₂	2	< 0.05
Hydrogen	H_2	1000	< 0.05
Hydrogen Sulphide	H ₂ S	75	< 0.05
Methane	CH ₄	20000	< 0.05
Nitrogen Dioxide	NO ₂	50	< 0.05
Sulphur Dioxide	SO ₂	50	< 0.05
Methanol	CH ₃ OH	1000	< 0.05

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Please Note

While every effort has been made to ensure accuracy in this publication, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This publication is not intended to form the basis of a contract.



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