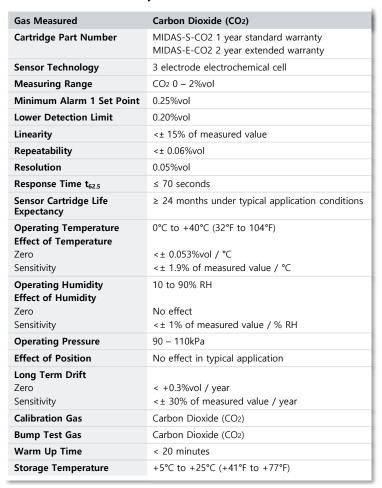


Midas_® Sensor Cartridge Specifications

Carbon Dioxide (CO₂) MIDAS-E-CO₂, MIDAS-S-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 Measured	Chemical Formula	Concentration Applied(ppm)	Reading (%vol CO2)
Carbon Monoxide	CO	500	< 0.05
Chlorine	Cl2	2	<0.05
Hydrogen	H ₂	1000	< 0.05
Hydrogen Sulfide	H ₂ S	75	<0.05
Methane	CH4	20000	<0.05
Nitrogen Dioxide	NO ₂	50	<0.05
Sulfur Dioxide	SO ₂	50	<0.05
Methanol	СНзОН	1000	<0.05

Interference differs from cartridge to cartridge and over cell life. It is not recommended to calibrate with cross sensitivity factors. The target gas should be used for calibration.

Find out more

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Please Note:

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