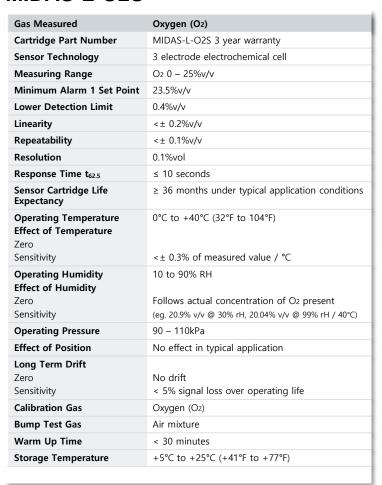


Midas_® Sensor Cartridge Specifications

Oxygen (O₂) MIDAS-L-O₂S



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 (% O2)
Carbon Dioxide	CO ₂	300	Enhance O2 reading by 0.3% / % CO2
Hydrogen	H ₂	100%v/v	-9
Methane	CH4	100%v/v	No response
Nitrogen Dioxide	NO ₂	25ppm in air	No response

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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