

Midas® sensor cartridge specifications

Carbon Monoxide (CO) MIDAS-S-COX, MIDAS-E-COX



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)
Acetone	(CH ₃) ₂ CO	1000	0
Acetylene	C_2H_2	40	80
Ammonia	NH ₃	100	0
Carbon Monoxide	CO	100	100
Chlorine	Cl_2	2	0
Ethanol	C ₂ H ₅ OH	2000	3
Ethylene	C_2H_4	100	110
Hydrogen	H_2	100	35
Hydrogen Sulphide	H ₂ S	25	0
Iso Propanol	C_3H_7OH	200	0
Nitric Oxide	NO	50	8
Nitrogen Dioxide	NO_2	800	20
Sulphur Dioxide	SO ₂	50	0.5

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