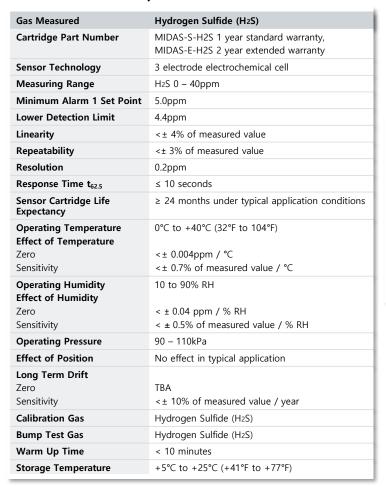


# Midas<sub>®</sub> Sensor Cartridge Specifications

## Hydrogen Sulfide (H<sub>2</sub>S) MIDAS-E-H<sub>2</sub>S, MIDAS-S-H<sub>2</sub>S



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<br>Formula | Concentration<br>Applied(ppm) | Reading<br>(ppm H <sub>2</sub> S) |
|------------------|---------------------|-------------------------------|-----------------------------------|
| Ammonia          | NH <sub>3</sub>     | 50                            | 0                                 |
| Carbon Dioxide   | CO <sub>2</sub>     | 5000                          | 0                                 |
| Carbon Monoxide  | CO                  | 50                            | 0                                 |
| Chlorine         | Cl2                 | 0.5                           | 0                                 |
| Ethylene         | C2H4                | 100                           | 0                                 |
| Hydrogen         | H2                  | 100                           | 0                                 |
| Nitric Oxide     | NO                  | 25                            | 0                                 |
| Nitrogen Dioxide | NO <sub>2</sub>     | 3                             | 0                                 |
| Sulfur Dioxide   | SO <sub>2</sub>     | 2                             | 0                                 |

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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