



**Operating Instructions
Hydrogen Sulfide Cassette
(Part Number: 084030)**

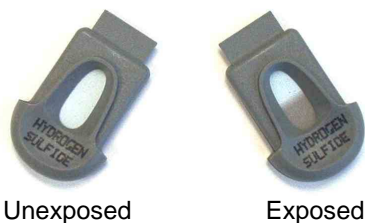
Applications:

The Chameleon is the only hands-free, power-free, chemical detector for gases and vapors **in air**, allowing First Responders, Firefighters, EMS, Police Officers and Military to detect the presence of hazardous chemicals. No liquid sample required. The Chameleon may even be immersed in salt water or fresh water without affecting its performance. Developed under funding by the United States Marine Corps, the Chameleon is ideal for users to screen unknown hazards in their environment.

Sources of hydrogen sulfide include industrial activities, such as food processing, coke ovens, kraft paper mills and tanneries. Other sources of hydrogen sulfide are gas and oil drilling operations, landfills and wastewater treatment facilities. Hydrogen sulfide is a significant threat because it is released primarily as a gas and spreads in the air. In addition, hydrogen sulfide remains in the atmosphere for about 18 hours.

Specifications:

The chemical sensor in the hydrogen sulfide cassette shows an easy to see color change. Half of the sensor window will change color as shown in the example below:



Description	Concentration	Reaction Time
Hydrogen Sulfide	50 ppm	3 minutes

Interferences:

The hydrogen sulfide cassette was exposed to saturated vapor concentrations of toluene, bleach, DEET, gasoline, diesel fuel and JP-8 jet fuel for one hour. No false positive or false negative readings were observed. Repeated immersion in a layer of oil/fuel on top of salt water had no effect on the performance of the hydrogen sulfide cassette.

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Operating Instructions:

1. Expiration date marked on packaging is based on storage at or below 77°F/25°C. Storage at higher temperatures reduces shelf life.
2. Product shelf life when stored at 122°F/50°C is thirty days.
3. At time of use - remove cassette from its protective pouch.
4. Holding cassette with text facing up, slide cassette into Chameleon armband until the cassette firmly snaps into the armband.
5. Periodically view the cassette to observe color change in half of the sensor window.
6. Discard cassette after color change is observed or after 24 hours of use.
7. DO NOT use cassette beyond 24-hour service life.

WARRANTY EXCLUSIONS AND LIMITATION OF LIABILITY

IF THE USER DOES NOT ACCEPT THE FOLLOWING TERMS, THE USER SHOULD NOT USE THE CHAMELEON CASSETTE AND ARMBAND.

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Warning: Keep out of reach of children, if ingested seek medical attention immediately.

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