

## ClipSens

Maintenance Free Gas Detector for hydrogen sulfide, carbon monoxide, oxygen or sulfur dioxide Gas Detector.



### 01 PRODUCT DESCRIPTION

ClipSens is a single gas monitor for Hydrogen Sulfide or Carbon Monoxide or Oxygen or Sulfur Dioxide measurement. Very lightweight and small, it has an alligator clip to wear it on the pocket or helmet.

Three alarm notification methods, flashing, acoustic and vibration, will provide warning in any alarm event. The datalogging stores the last 30 events, including any verification, alarm and adjustment event. The events are easily downloadable with the Sensotran IR Link or also with the Docking Station.

This station automatically performs the process every time the equipment is verified, saving the events in a USB memory, which can be connected to PC. The data can also be downloaded via the Sensotran IR Link.

ClipSens can be manually verified, or automatically with the Docking Station which can verify four devices simultaneously (up to 12 devices per minute), reducing downtime and gas consumption.

In addition, you can hibernate with an additional 12 months your equipment (H<sub>2</sub>S and CO) through the SleepSens to increase the time of use up to 36 months.

### 02 KEY FEATURES

- Disposable. Hibernation
- Lightweight and Compact
- Stores up to 30 events
- Hibernation mode to increase the useful life
- Maintenance Free
- 2 years use
- IP-67
- Rugged Rubber Case
- Configurable with SENSOTRAN IR Link
- Fastest Bump-Test with Docking Station
- Visual, loud and vibration alarm
- Docking Station can Bump Test and Calibrate 4 instruments simultaneously
- The lowest Bump-Test cost

### 03 TECHNICAL SPECIFICATIONS

<b>Gas</b>	H <sub>2</sub> S	CO	SO <sub>2</sub>	O <sub>2</sub>
<b>Range</b>	0-100 ppm	0-500 ppm	0-50 ppm	0-30 % vol
<b>Weight</b>	93 g	93 g	93 g	104 g
<b>Sensor Type</b>	Electrochemical			
<b>Size</b>	48 x 84 x 31 mm			
<b>Battery</b>	Lithium Cell high capacity			
<b>Alarm</b>	Visual, vibrating, audible (90 dB at 10 cm) Low & High Alarm			
<b>Sample</b>	Diffusion			
<b>Display</b>	LCD with battery remain, Bump Test, Calibration, unit and test icon. Remaining time or Concentration.			
<b>Datalogging</b>	30 most recent Events			
<b>Response time t90</b>	15 seg			
<b>IP Protection</b>	IP-67			
<b>Certification &amp; Approvals</b>	ATEX; 111 G Ex ia IIC T4 Ga CSA; C1, D1, Groups A, B, C, D, T 4 IECEX: Ex ia IIC T4 Ga			
<b>Warranty</b>	2 years from activation (1460 minutes on alarm), plus 6 months shelf life (3 month for oxygen). Up to three year for H <sub>2</sub> S & CO when used with the hibernation feature, limited to 24 months of operation			

## 04 APPLICATIONS

- Oil & Gas
- Shut downs
- Fuel storage parks
- Water treatment plants
- Mining industry
- Construction
- Homeland security and First responders
- Food industry
- Emergency response
- Environmental
- Industrial safety

## 05 ACCESSORIES



**Docking-Station**  
Adjust and Calibration station



**Sleep Sens**  
Hibernator



**Sensotran IR Link**  
Infrared Port

## 06 ORDERING INFORMATION

Reference	Gas	Range	Sensor
CS-001-00	O <sub>2</sub>	0-30% vol	Electrochemical
CS-002-00	CO	0-500 ppm	Electrochemical
CS-003-00	H <sub>2</sub> S	0-100 ppm	Electrochemical
CS-004-00	SO <sub>2</sub>	0-50 ppm	Electrochemical