

# SST4

The *new* standard  
in gas detection



[www.watchgas.com](http://www.watchgas.com)  
[info@watchgas.com](mailto:info@watchgas.com)

[www.watchgasusa.com](http://www.watchgasusa.com)  
[info@watchgasusa.com](mailto:info@watchgasusa.com)

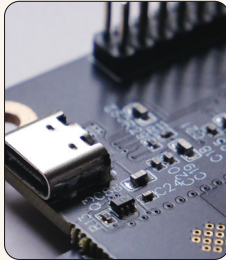
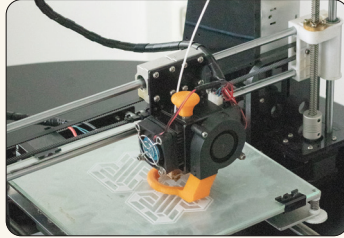
*#PARTNERSHIP #TRUST  
#SERVICE #KNOWLEDGE  
#TEAMWORK #INNOVATION  
#HARDWORK #SUPPORT  
#FUN*

WatchGas key pillars

We are WatchGas; *We watch gas* where you can't. We strive to be the best at everything we do, from the products we innovate to the way we work and support our partners. Focusing on these core values while other manufacturers focus on profit will make us a worldwide brand for all your gas detection needs.

***“OUR MISSION IS TO BUILD THE BEST  
PRODUCTS, SHARE OUR KNOWLEDGE  
OF THE GAS DETECTION INDUSTRY  
WHILE PUTTING OUR CUSTOMERS  
AT THE HEART OF ALL WE DO.”***

Established in 2018 in Rotterdam, the Netherlands, we manufacture gas detection devices. After the success of the first phase we have developed a range of portable devices to serve a global market, starting in 2023. Our passion is gas detection, and our dedication is with keeping you safe. We Watch Gas to make sure you come home safely every day.



## Growth through *Design*

At WatchGas, the design of our products is fundamental to who we are, to the customers and markets we currently serve, and to those who use an alternative solution as of today. Our product strategy is to innovate and clearly define, develop, and sustain our product portfolio to give our partners and customers the best solution for their gas detection needs.

With our Product Development Team being based in Rotterdam (the Netherlands), we are proud of the knowledge and experience that we attract. One of our key pillars is innovation; as part of this commitment, we promise to release new products every year, ensuring a diverse range of gas detection solutions. These could be a complete New Product Introduction (NPI) or a sensor or technology that supports a new or developing application, market, or process, such as the hydrogen space or the need for fumigation.





## Introducing *the New Standard* in multi-gas

### ***The SST4 Micro & SST4 Mini: Four-gas diffusion multi-gas.***

Over the last decade, there has been a shift from single-gas devices to multi-gas devices that will protect you and your employees from the common gases found in industries. With over 2.6 million multi-gas devices sold yearly, there is an opportunity for a greater user experience and sensing technologies that create a safer environment.

The Voice of the Customer (VoC) work done while developing our four-gas range gave us a good insight into what customers *really* wanted. Those top five requirements are ***fast detection of gas, clear visible display, robust design for harsh environments, loud audible alarm, and a good supporting ecosystem*** such as software and docking stations.

While some devices did some of the above requirements, none addressed all these pain points. The WatchGas team has listened to those requirements and is excited to present the new SST Range.

Sincerely,  
WatchGas Team



# SST Range *multi-gas*

**SST4 Micro** is a unique four-gas device that stands out with its ability to detect hydrocarbons using three Solid Polymer sensors (O<sub>2</sub>/CO/H<sub>2</sub>S/SO<sub>2</sub>) and an LPC (Low-Powered Catalytic). It also features built-in NFC and induction charging, ensuring a one-week runtime. Despite its rugged and compact design, this device doesn't compromise on important features like a display and alarm indicators.

**SST4 Mini** is versatile, similar to the slightly smaller SST4 Micro. It offers an optional NDIR or traditional high-powered catalytic bead as the detection method for LEL, which is essential in some applications.

**SST4 Pump** is a pumped four-gas device with our in-house designed pump that allows a draw of up to 110 feet or 33 meters. It is ideal for confined space entry or sampling tanks, ship holds, or LPG units, and coupled with our wide range of accessories, it makes sampling easier than ever.

**SST5** is a five-gas device with the same size and weight as a conventional four-gas detector. This small, compact, rugged solution offers a wide range of sensors to support your gas detection needs.

**SST Dock** is a well-designed bump and calibration station for all of the above devices and the SST1 detectors. This reduces the cost and eliminates bulky and complex solutions, making the SST Dock the best solution for ensuring fleet compliance.

# SST4 – *Micro & Mini*

Using the latest sensor technology, the SST4 Range is designed for the harshest environments while being rugged and easy to use and wear. With its wide range of sensor libraries, the SST4 can be configured to fit various uses and applications. With Tap Compliance and the SST Dock, managing a fleet of devices has never been easier.



**NFC** – allows for configuration, downloading of data, and assignment of devices;  
**Charging** – using induction charging, the SST4 has removed damage to connections;  
**Runtime** – longer runtimes: 48hr with LPC and 200hr with NDIR;  
**Sensors** – Solid Polymer Technology with the best-in-class performance with temp / humidity. The best reponse time on the market. Flexibility of sensors - CO, H<sub>2</sub>S, SO<sub>2</sub> and O<sub>2</sub>, ideal for a wide range of applications;  
**Configurable** – depending on customers' requirements the device can be tailored;  
**One Button Operation** – simple user interface and easy to use with a gloved hand;  
**Screen Bumpers** – protects screen from scratching due to smaller sensor profile;  
**Rugged** – double shot moulding, IP65/68, and toughened housing;  
**SST Dock** – device compatible with SST Dock and can be bump tested and calibrated;  
**Screen** – larger screen than the next best alternative and backlight gives clear viewing;  
**Response time** – fastest T90 response time in its catagory.

# Display

Alarms	
<b>ALARM</b>	Alarm Notification
<b>LOW</b>	Low Alarm
<b>HIGH</b>	High Alarm
<b>STEL</b>	Short Term Exposure Alarm
<b>TWA</b>	Time Weighted Average Alarm
<b>2</b>	Indicate Low Low or High High alarm. 3rd alarm level

Unit of Measure	
<b>ppm</b>	Parts Per Million
<b>mg/m<sup>3</sup></b>	Milligrams per Cubic Meter
<b>LEL%</b>	Percentage LEL
<b>O<sub>2</sub>%</b>	Percent VOL

Sensors	
<b>H<sub>2</sub>S</b>	Hydrogen sulfide sensor
<b>SO<sub>2</sub></b>	Sulfur dioxide sensor
<b>CO</b>	Carbon monoxide sensor
<b>O<sub>2</sub></b>	Oxygen sensor
<b>IR</b>	NDIR LEL
<b>LPC</b>	Low Power Catalytic
<b>CAT</b>	Catalytic bead LEL sensor

Information	
☺	Product Compliant
☹	Product Non-Compliant
<b>CAL</b>	Calibration Required
<b>BUMP</b>	Bump Required
📶	NFC in Communication
🔋	Battery level
🔇	Mute



# Safety Yellow

HEX #EED202

RGB(238, 210, 2)

The trend of yellow safety equipment has been in place for generations, but its origins are a bit of a mystery. Over the centuries, various theories have been proposed about why safety equipment is almost always yellow.

The most popular theory is that yellow has become associated with safety because of its bright and noticeable color, making spotting equipment and people from a distance easier. This makes it easier to ensure that everyone on the site is aware of dangerous machinery or potential risks and can take the necessary precautions.

Other theories suggest that the association between yellow and safety equipment has roots in the Industrial Revolution. During this time, yellow was seen as an efficient color, providing superior visibility in various lighting conditions. This made it the ideal choice for the hazardous environments found on construction and industrial sites.

It is also possible that the yellow color of safety equipment has cultural roots. In some countries, yellow is associated with strength, endurance, and power. As industrial work is often associated with these attributes, it makes sense that the equipment used would be similarly colored.

Whatever the reason for yellow, it is a trend that will likely continue for the foreseeable future. The color helps ensure that everyone on the site is aware of safety risks and hazards and helps create a safe working environment.



## Visibility and caution

Yellow is the most visible color from a distance, so it is often used for objects that need to be seen, such as road maintenance equipment, school buses, and taxicabs. It is also often used for warning signs since yellow traditionally signals caution, rather than danger. Safety yellow is often used for safety and accident prevention information. A yellow light on a traffic signal means slow down, but not stop. The Occupational Safety and Health Administration (OSHA) uses Pantone 116 (a yellow hue) as their standard color, implying "general warning". In contrast, the Federal Highway Administration similarly uses yellow to communicate warnings or caution on highway signage. A yellow penalty card in a soccer match means a warning, but not expulsion.

***Fun Fact: One of the first gas detectors was also yellow... it was the canary bird.***





00  
H<sub>2</sub>S PPM  
20.9  
O<sub>2</sub>%

0  
CO PPM  
0  
LEL%  
LPC

watchdog

MICRO

SST4

# SST4 Pump

## *Bottom mounted drawline*

Confined Spaces often pose a challenge not just in the harsh environment with high temperatures, chemicals, and dirt but also in the time it can take to get a permit to work. These can take many hours, with slow sampling and issues occurring due to harsh environments, like blocked pumps or sticky gases requiring longer sampling times.

The SST4 Pump has been designed to speed up the permit-to-work process by utilizing the NFC feature and allowing the flow of data and information to ensure faster signing off the confined space. It has also been designed with harsh environments in mind, with its 95dB audible alarm at 30 cm, rugged housing, up to 33-meter sampling, and accessories that make the job easier and faster

- Pump** – inhouse designed pump for 110 feet / 33 meters sample draw;
- NFC** – allows for configuration, downloading of data and assignment of devices;
- Charging** – using induction charging the SST4 Pump has removed the complexity of charging;
- Runtime** – longer runtimes, up to 50 hours with LPC and up to 100 hours with NDIR;
- Sensors** – Solid Polymer Technology with the best-in-class performance with temp / humidity. The best reponse time on the market. Flexibility of sensors - CO, H<sub>2</sub>S, SO<sub>2</sub> and O<sub>2</sub>, ideal for a wide range of applications;
- Configurable** – depending on customers requirement the device can be tailored;
- One Button Operation** – simple user interface and easy to use with gloved hand;
- Screen Bumpers** – protects screen from scratching due to smaller sensor profile;
- Rugged** – double shot moulding, IP65/68 and toughened housing;
- Screen** – larger screen than next best alternative and backlight gives clear viewing;
- Inert Mode** – for sampling in gas enriched environments such as ducts and pipes;
- Membrane pump** – giving excellent rebustness and quality of draw.









Your sample is as good as  
*your sampling equipment*

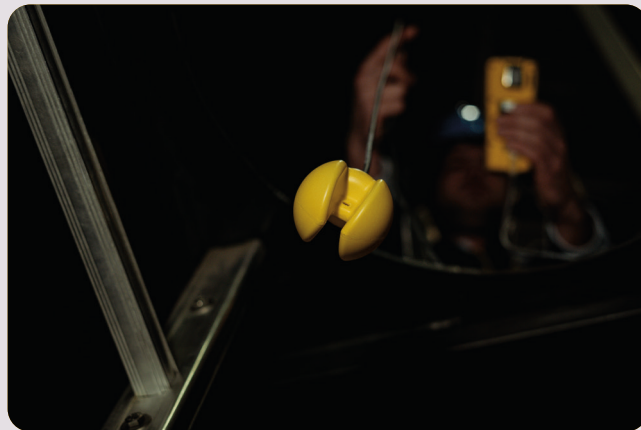


For a confined space clearance measurement, a sampling hose is attached to a pumped gas detector. An open end of the hose runs the risk of allowing dust and liquids to enter the sampling hose, blocking the hose and delaying the work.

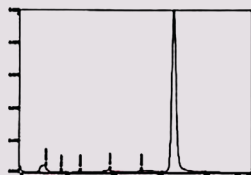
**Ball floats** are a perfect way to ensure no liquid can enter the sampling hose. WatchGas has wholly redeveloped the ball float to make it suited to heavy-duty work in every way. The ball float is made in one piece to make it more resistant and durable in comparison to ball floats that are made from two hemispheres glued together.

The material is chemical-resistant, antistatic (according to EN-60079-0), and nonadsorbing; therefore, it does not interfere with your measurement. Also, its bright yellow colour makes it visible, providing contrast in dimly lit situations.

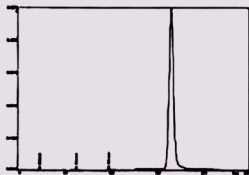
**The WatchGas Last-O-More Sampling Hose** offers the best performance for the price. It has low adsorption, so you get accurate results. Gas chromatography analysis shows a low adsorption of benzene. Low adsorption means high accuracy. Other gas types show similar results. The antistatic (according to EN-60079-0) hose is easy to detangle. Available in two sizes: 3x5mm and 5x8mm, and to any desired length.



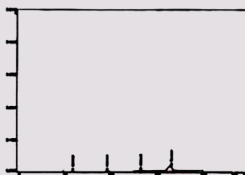
**Ball-Float incl. reductor**  
**Part Number: 7182112**



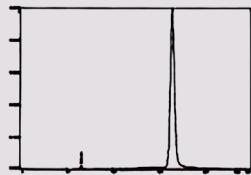
Without hose



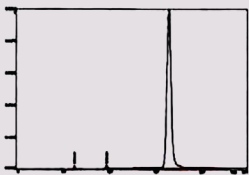
Teflon hose



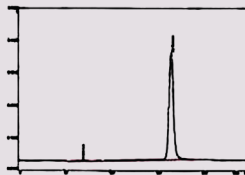
Silicone hose



Last-o-More hose 3x5mm



Last-o-More hose 5x8mm



PVC hose



**Last-O-More Tubing 3x5 mm**  
**Part Number: 411-0018-038**

**Last-O-More Tubing 5x8 mm**  
**Part Number: 411-0018-039**



SST4 Pump:  
Your standard for working  
in *confined spaces*



**Part Number:** D5019710

**Item Description:** Aspirator bulb with controlled flow.  
Use with Last-O-More tubing (not included).



**Part Number:** GSR-07

**Item Description:** Telescopic Probe  
up to 4m extendable body.



**Part Number:** WG-PROBE

**Item Description:** CSE Probe comes  
with 3 inline filters and humidity filter.  
Use with Last-o-More tubing (not included).



**Part Number:** 008-3015-001

**Item Description:** Extendable Measuring Probe, easy to carry  
and store. Use with Last-O-More tubing (not included).



**Part Number:** GSR-04-S-AK


**Item Description:** Rigid 40cm  
Multifunctional Probe. Complete with tubing.



**Part Number:** GSR-02

**Item Description:** 1 meter Carbon Fiber Probe. Safe to use  
for electricians. Use with Last-o-More tubing (not included).



A full-page photograph of a worker in a dark industrial environment. The worker, seen from the side, wears a black hard hat and a dark jacket with reflective silver stripes. They are holding a yellow handheld device in their left hand and a long, thin black probe in their right hand, extending it towards a large metal structure. The background is dimly lit, showing industrial beams and a distant staircase. The overall mood is professional and technical.

Ideal for detecting  
*lighter gases*





# Induction charging

All our rechargeable SST Range devices are induction charging. Gas detectors are often used in extremely harsh environments, where contacts and pins become corroded or damaged due to chemicals and compounds found on site. We decided to remove the risk of damage and increase the robustness of the device. When ordering a multi-gas device, a disk charger will come with the product as standard, but there are other options to choose from.

SST-IND-S	Induction charger for SST Range
SST-DISK-CHR	Induction disk charger for SST Range
SST-RCH	Regional charging adapter heads with USB-C connecto port
SST-6W-CHR	SST Range 6-way cable 5W charger
SST-MULTI	Multi 5-way charger induction
SST-STACK-CHR	SST Range 5-way stackable charger, up to 4 can be coupled
SST-STACK-COU	SST Range coupling cable



SST-IND-S



SST-STACK-CHR

## Runtime

SST4 Micro	SST4 Mini	SST4 Pump
LPC - 50hr	HP LEL - 13hr NDIR - 200hr	LPC - 50hr HP LEL - 18hr NDIR - 100hr



# SST Range Kits

At WatchGas, we have considered use outside of the device and are constantly working with partners and customers to enhance the offering with accessories and solutions. We offer a range of kits that allow the docking station to be used remotely, utilizing its internal battery, giving you up to 100 calibrations. Or a personal carrying case for your multi-gas device, giving you everything you need to do your job in one rugged kit.



**SST4 Pump Compliance Kit**



**SST Dock Rapid Deployment Kit**



**SST4 Micro/Mini  
Compliance Kit**

Please contact WatchGas or your nearest WatchGas distributor for more information on the possibilities of our kits

**NANUK**



# Solid Polymer Electrochemical Gas Sensor



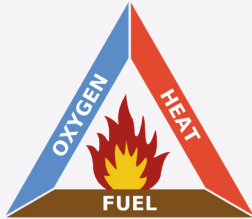
Electrochemical sensors are sensitive to various gas molecules, such as  $\text{CO}$ ,  $\text{NH}_3$ ,  $\text{SO}_2$ ,  $\text{NO}$ ,  $\text{NO}_2$ ,  $\text{O}_2$ ,  $\text{HCN}$ ,  $\text{O}_3$ ,  $\text{PH}_3$ ,  $\text{SiH}_4$ ,  $\text{HF}$ , and  $\text{H}_2$ . They offer one of the most *energy-efficient approaches* combined with analytical performance that includes *sensitivity* and *selectivity* at a relatively *low cost*.

**Solid Polymer Electrochemical Gas Sensor** offers flexibility in design and size since the core is dry and contains no liquid electrolytes. Traditionally, electrochemical sensors are used to detect toxic gases in industrial settings. The concept of a dry electrochemical cell based on a solid polymer electrolyte challenges not only the design restrictions of the gas sensor but also the traditional applications for electrochemical cells. This revolutionary technology enables new and innovative mechanical designs for the finished cell.

## Advantages

- High accuracy
- Long lifetime
- Ultra-Low Power consumption for battery and IoT applications
- High volume productions
- High precision for low ranges
- No zero drift
- No-poisoning
- Direct linearity
- High temp. range

# Flammable sensors



The fire tetrahedron is a four-sided geometric shape used to describe the three components are required for a fire to start and sustain itself - heat, oxygen and fuel. These three components must be present simultaneously in order for a fire to be created. Fire suppression techniques revolve around removing one or more of these elements, making it impossible for a fire to start or sustain itself.

## Flammable Sensor Terminology

### LEL - Lower Explosive Limit

Minimum concentration of a combustible gas or vapour in air which will ignite if an ignition source is present.

### UEL - Upper Explosive Limit

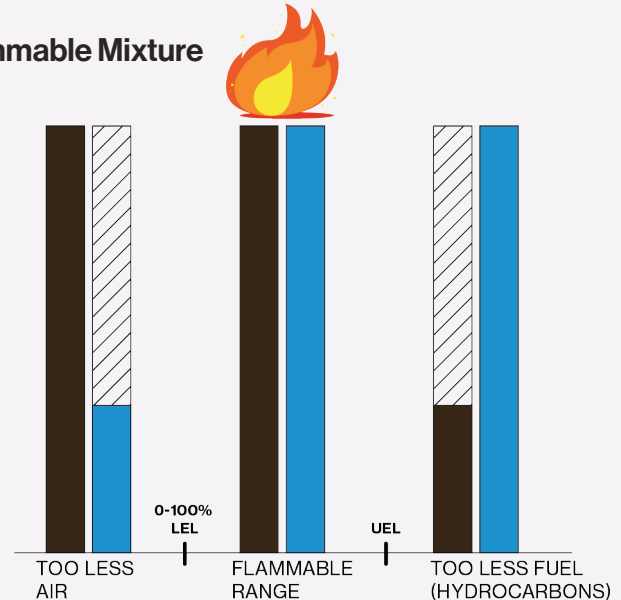
The maximum concentration in air which will support combustion. Concentrations above UEL to enriched to burn.

### Flammability Range

The range between 100% LEL and the UEL.

Within flammability range gases will burn or explode if ignition source present, like a spark or even static.

## Flammable Mixture



Gas type	LEL	UEL
Methane	5%	15%
Propane	2.20%	9.50%
Acetone	2.60%	12.80%
Ammonia	16%	25%
Carbone monoxide	12.50%	74%
Ethylene oxide	3%	100%
Hydrogen sulphide	4.30%	46%

**NOTE:** This table refers to USA standards

# LEL sensor types

## SST4 Micro

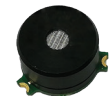
LPC

## SST4 Mini

NDIR, HPC

## SST4 Pump

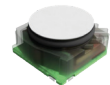
LPC, NDIR, HPC



LPC



HPC



NDIR

### Sensor advantages

- fast response time for light Hydrocarbons
- not impacted by shock through impact
- cost-effective; ideal for compliance market
- low power consumption

### Sensor disadvantages

- will not see heavy hydrocarbons, nonanes etc
- silicone poisoning over time when filter becomes saturated

- sees heavy Hydrocarbons like Nonanes / Methanals

- lower battery runtime due to super high power
- beads impacted by dropping and could become damaged
- silicone poisoning

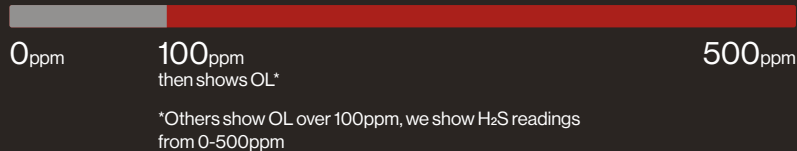
- very low power up to two months runtime
- long lifetime up to 10 years
- no silicone poisoning
- can be used for Inert application as does not require O<sub>2</sub>

- cannot detect H<sub>2</sub>
- not linear signal so over-measure on heavier HC
- technology is not the cheapest but lifetime and runtime compensate for the cost

LPC = Low Power Catalytic    HPC = High Power Catalytic    NDIR = Infrared



# Hydrogen sulphide *warning signs*



Measuring hydrogen sulfide (H<sub>2</sub>S) levels ensures workers' safety in specific industries such as oil and gas, wastewater treatment, and pulp and paper mills.

High levels of H<sub>2</sub>S exposure can irritate the eyes, nose, throat, and respiratory system. It can also cause dizziness, nausea, and headache, and in extreme cases, can lead to unconsciousness, coma, and even death.

As a responsible employer, it's crucial to prioritize the safety and well-being of workers by ensuring that proper safety protocols and monitoring are in place. Doing so can create a safe work environment and avoid harmful exposure to H<sub>2</sub>S and other toxic gases.

<1 ppm

Most people smell "rotten eggs"

3-5 ppm

Odour is strong

20-150 ppm

Nose and throat feel dry and irritated. Eyes sting, itch, or water. "Gas eye" symptoms may occur. Prolonged exposure may cause coughing, hoarseness, shortness of breath, and runny nose.

150-200 ppm

Sense of smell is blocked (olfactory fatigue)

200-250 ppm

Major irritation of the nose, throat, and lungs occurs, along with headache, nausea, vomiting, and dizziness. Prolonged exposure can cause fluid buildup in the lungs (pulmonary edema), which can be fatal

300-500 ppm

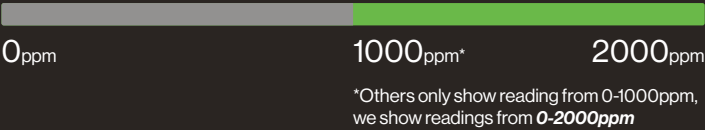
Symptoms are the same as above, but more severe. Death can occur within 1 to 4 hours of exposure

>500ppm

Immediate loss of consciousness. Death is rapid, sometimes immediate



# Carbon monoxide levels chart



Carbon monoxide (CO) poses a significant threat to human health due to its colourless, odourless, and tasteless nature.

Although largely associated with home appliances and vehicles, carbon monoxide exposure is a potential risk in workplaces such as steel production and heavy industries.

Understanding the dangers associated with CO exposure and implementing gas detection systems can help safeguard the well-being of both individuals and employees.

0 ppm	Recommended Safe Level
6 ppm	WHO 24 Hour Average
9 ppm	ASHRA 8 Hour Average EPA 8 Hour Average
25 ppm	NAAQS 8 Hour Average WHO 8 Hour Average
30 ppm	ACGIH 8 Hour Average
35 ppm	WHO 1 Hour Average
50 ppm	NIOSH 8 Hour Average NAAQS 1 Hour Average
30-69 ppm	Physical symptoms* after 6-8 hours.
87 ppm	OSHA 8 Hour Average (PEL)
	WHO 15 minute Average

70-149 ppm	UL 1-4 Hour Alarm
200 ppm	NIOSH 15 minute STEL
150-399 ppm	Physical symptoms** after 2-3 hours.
400+ ppm	UL 10-50 Minute Alarm
800 ppm	Physical symptoms** in 1-2 hours. Life threatening 3 hours.
1600 ppm	Physical symptoms** in 45 minutes. Unconscious in 2 hours. Fatal in 2-3 hours.
3200 ppm	Physical symptoms** in 20 minutes. Fatal within 1 hour.
6400 ppm	Physical symptoms** in 5-10 minutes. Fatal within 25-30 minutes.
12800 ppm	Physical symptoms** in 1-2 minutes. Fatal within 10-15 minutes.
	Fatal within 1-3 minutes.

**NOTE:** This table refers to USA standards

# Safety Solution Whatever The Job



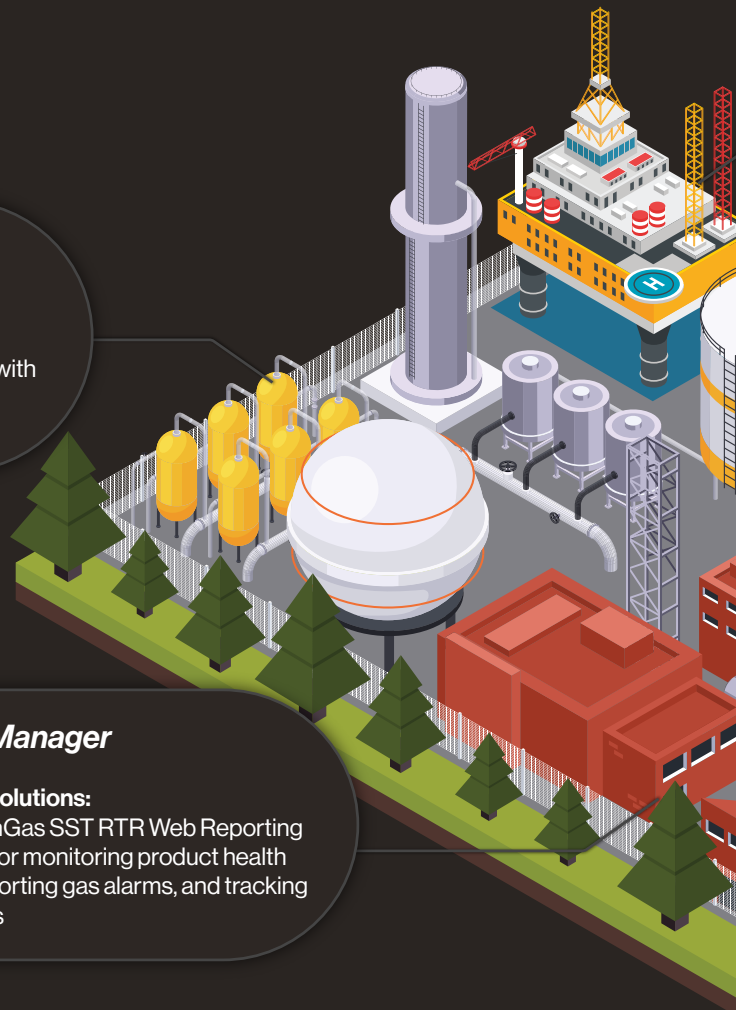
## **Confined Space Entry**

**Possible solution:**  
SST4 Pump in combination with  
CSE accessories and i.safe tablet with  
the WatchGas SST RTR Web  
Reporting Software



## **Safety Manager**

**Possible solutions:**  
The WatchGas SST RTR Web Reporting  
Software for monitoring product health  
status, reporting gas alarms, and tracking  
fleet status







## ***Safety Manager***

### ***Possible solutions:***

SST1 (2 & 3 year or Serviceable),  
SST4 (Micro or Mini) in combination  
with SST Dock and WatchGas  
Compliance Kiosk



## ***Lone Worker***

### ***Possible solutions:***

SST1 (2 & 3 year or Serviceable),  
SST4 (Micro or Mini) in combination  
with the WatchGas SST Application  
for reporting into the WatchGas SST  
RTR Web Reporting Software



# SST Dock

A single docking station for *bump testing, calibration, and tracking* all your SST Range in one module.

## 1. Enhanced *efficiency*

Say goodbye to the hassle of individually bump testing and calibrating each gas detector. With SST Dock, you can streamline the maintenance process by connecting multiple cylinders and testing numerous devices in one docking station. This means reduced cost, improved efficiency, and maximum productivity for your team.

## 2. *Data-driven* insights

Tracking and maintaining records of all gas detector tests and calibrations can be daunting. However, with SST Dock, this process becomes seamless. This intelligent and innovative docking station automatically captures and stores essential data, including test results, calibration history, expiration dates, and low levels of test gas. You can effortlessly access this information when needed, allowing for better compliance and informed decision-making.

## 3. *Simplified* fleet management

Managing a fleet of gas detectors can be complex, but the SST Dock simplifies this task significantly. Now you can remotely monitor the status of each detector, schedule preventive maintenance, and generate comprehensive reports. With an intuitive and user-friendly interface, fleet management becomes a breeze, saving your organization time, effort, and resources.

## 4. *Precise* calibration

Accurate calibration is vital to ensure the proper functioning of gas detectors. The SST Dock offers a standardized and automated calibration procedure, eliminating the risk of human error and providing consistent and reliable results. Your team can now be confident that their gas detectors are correctly calibrated for optimal safety.

## 5. Enhanced *safety culture*

Investing in a docking station makes a compelling statement about the importance of safety in your workplace. It demonstrates your commitment to providing the best tools for your team's protection and peace of mind. A robust safety culture empowers your workforce, improves morale, and fosters a proactive approach to maintaining a safe working environment.



*High-speed bump testing*  
**<10sec**

# WatchGas Compliance Kiosk

The WatchGas Compliance Kiosk works as a terminal to allow the user to check the gas detector, providing a complete overview of the device status and any unforeseen events. The Compliance Kiosk automatically sends all data to WatchGas SST RTR Web Reporting Software, giving a cost-effective overview of fleet health, predictive maintenance, events, and alarms. Furthermore, the Compliance Kiosk can actively manage detector settings and user assignments



**Configuration verification** – allows checking the gas detector settings such as function setting, alarm limits, and assigned User ID against a system reference file set up by the system administrator.

**Health Check** – reads the product's health and reports it to the WatchGas SST RTR Web Reporting Software, providing a unique preventive maintenance schedule and reducing downtime. The data includes battery, sensor, hardware, and firmware status.

**Connectivity** – offers a wide range of connectivity. It can be a standalone system, and information can be sent via email to a printer, laptop, or phone. The device can be connected directly to a WI-FI network or fitted with a SIM card to connect to a cellular network. This makes sending reports and data extremely easy. Combine with our WatchGas SST RTR Web Reporting Software for full compliance and fleet management.

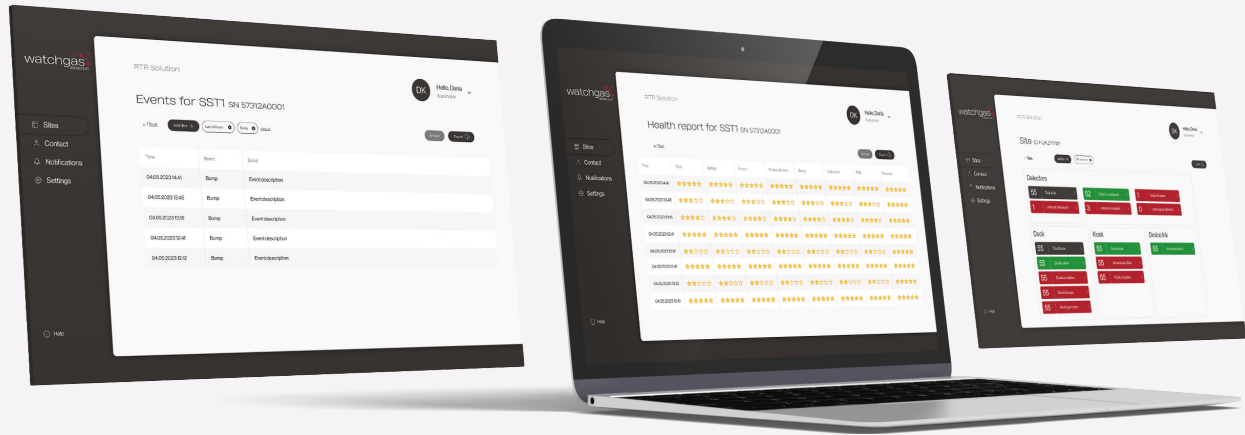
**Action confirmation** – alerts the user if his detector requires attention for things such as predictive maintenance, bump, or calibration. The system checks if a User ID is not in the unit, allows the user to enter their credentials, and automatically loads them in the gas detector.

**Event collection** – automatically downloads the event log from a gas detector stores it locally and sends it to the WatchGas SST RTR Web Reporting Software if activated, providing a simple and fast overview for the safety manager.

**Mounting options** – the Compliance Kiosk has brackets for wall mounting and can also be tailored for desktop use.



# WatchGas SST RTR Web Reporting Software



RTR (Record to Report) Solution is a cost-effective fleet management solution. Managing a large fleet of devices can be complex and throw up questions like, are they calibrated and bump tested, have they seen gas, and who are they assigned to? All of that can be easily viewed with the WatchGas SST RTR Web Reporting Software. Whatever your application and focus areas, the software can be tailored to show you dashboards and reports, making it easier than ever to manage your fleet of gas detectors.

**Compliance Overview** showing general health and status of your fleet of SST Range devices.

**Infrastructure Overview** showing the status of readers, kiosks, and docks on site.

**Gas Level Management** showing the age and levels of each dock and location.

**Fleet Health** to give proactive rather than reactive maintenance.

**User Alert Notifications** easy to allow for alert notifications on SMS and email for usage models.

**Partner Proactive Service** can be set up to allow partners to manage multiple sites and offer management of the fleet of devices as a service.

**Rental Solution** allows for easy set up and manages the rental fleet and agreements. Coupled with the WatchGas Compliance Kiosk, it allows for quick usage reports and product health.

**Multi Site Access** allows companies multiple sites to see gas events and health of units. Ideal for company reporting and understanding of areas for improvement.

**User Assign** for full traceability and record keeping. If not checked in, then this will be captured in the reporting, reducing costs associated with lost or missing devices.

# WatchGas SST Application

This intuitive app allows you to carry out traditional time-consuming tasks with ease and speed. Quickly and easily download gas events, and if required, these can be rapidly sent via SMS or email for fast reporting. Easily configure devices without the need for costly software and the hassle of cables and initial setup.

With Tap Compliance, you can tap in and out devices for full fleet traceability and see the health of your fleet with the health status feature. This is all done with extreme ease using NFC (Near Field Communication) and the WatchGas SST Application. The WatchGas SST Application is fully compatible with the SST Range™, so there is no need for different software platforms for a mix of single and multi-gas devices.



**NOTE:** the WatchGas SST Application is available on all phones and can be found for free at the following links. For hazardous environments, we recommend the use of i.safe MOBILE device.



Try out today! Use the QR codes to download the WatchGas SST Application from the Google Play Store or Apple Store



## Configure Device

Using NFC you can quickly and easily configure devices. Change alarm set points or enable a new feature. No need for additional PC's and cables and can be done remotely if required.

## Health Status

Quickly see the *health* and *compliance* of your device. This is a perfect solution for service centres and safety managers. The status shows the health of the sensors and main components all in a simple to understand star rating.

## Event Logs

If you are working remotely there is no need to drive back to a central location. Simply download the event logs using the built-in NFC coupled with WatchGas SST Application and send the event as a PDF format via SMS, WhatsApp or email.



# Contact information

## **Europe**

Klaverbaan 121  
2908 KD Capelle a/d IJssel  
the Netherlands

[info@watchgas.com](mailto:info@watchgas.com)  
[www.watchgas.com](http://www.watchgas.com)

## **Americas**

313 N. State Hwy 342  
Red Oak, TX 75154, USA

[info@watchgasusa.com](mailto:info@watchgasusa.com)  
[www.watchgasusa.com](http://www.watchgasusa.com)

## **APAC**

Woods Square Tower 1,  
12 Woodlands Square,  
#11-71, Singapore 737715

+65 65179551  
[info@watchgas.com](mailto:info@watchgas.com)  
[www.watchgas.com](http://www.watchgas.com)

## **ANZ**

[anz@watchgas.com](mailto:anz@watchgas.com)

