



SST Dock

BUMP, CALIBRATION & CONFIGURATION STATION
COMPATIBLE WITH FULL SST RANGE



RTR COMPATIBLE

The WatchGas SST Dock gives organizations a smarter, more scalable alternative to traditional docking systems by combining automation, flexibility, and full-fleet compatibility in one rugged platform. Where competing solutions often rely on rigid setups, manual data handling, or multiple device-specific modules, the SST Dock supports the entire SST range devices and integrates seamlessly into industrial, utility, service, or field workflows. Designed for both fixed installations and mobile service teams, the SST Dock simplifies maintenance, strengthens compliance, and lowers operational burden, delivering a more efficient and cost-effective approach to gas detector management.

Features and Benefits



Easy Setup

SST Dock is designed with ease of use in mind. Easily assign gas cylinders with the NFC reader and this will input the Span Values, Lot Numbers and expiry dates directly into the SST Dock. Also with the touch screen display allowing you to configure the SST Dock to tailor it to your needs. The SST Dock provides easy unit set up features so no PC needed for product changes.



Rapid Bump

SST-Dock enables three levels of bump testing. These levels are 50, 70 and 90% of gas and give you the option to test units in seconds, saving you money on test-gas costs. These results are all saved in the SST Dock and if connected can be shared via email or seen in the WatchGas RTR Software.



Platform Design

It was important for us and our customers to have a system that was designed to take all SST units. We have achieved this and with one module you can bump, calibrate, and configure the SST1, SST4 (Micro and Mini), SST Pump and SST 5. This reduces the size of the docking system and reduces costs of having individual modules.



Connectivity

The SST Dock offers a wide range of connectivity. The docking station can be a standalone system and information can be sent via email to a printer or laptop or phone. If you want the system to be connected, then you can connect directly to a WI-FI network, or the device can be fitted with a Sim card allowing for connectivity to a cellular network. This makes automating the reporting to the WatchGas RTR Software seamless.



Low Gas Notification

Docking stations are a critical part of a site's operation and can't afford to be down due to gas running out. The SST Dock can be fitted with optional pressure regulator that will indicate when a gas is running low or nearing its expiry date. This means you can take a proactive approach and always ensure your systems have gas to allow for daily testing.



Mounting Options

We understand that different applications require docking stations to be located in a variety of environments. The SST Dock comes with brackets that allow for wall mounting and will hold one cylinder in a tidy fashion. It can also be tailored for desktop use or as a mobile device in a hard case and up to 100 calibrations can be done on one battery charge.

Software

SST Dock is a bump, calibration and configuration station that is designed to carry out daily compliance checks of your gas detection fleet or for use as a service provider that has a large customer fleet to maintain. The SST Dock is compatible with SST1, SST4 (all models), SST4 Pump and SST5, meaning one docking solution for your entire fleet, and reducing infrastructure costs. SST-Dock also offers full flexibility, allowing for a stand-alone solution where the data can be captured and interrogated, either at a dock level or connected to the WatchGas cloud-based software. This software allows you to have a full overview of your fleet and be notified of non-compliances, from bump and calibration expiries, gas alarms or even showing when test gas is running low. With options for the system to be used on a desk, wall mounted or as a portable unit in a hard case, giving you up to 100 calibrations from one charge, it has never been easier to ensure the uptime of your gas detection fleet. This compact yet rugged solution can be tailored from a simple bump test station, through to a sophisticated connected test station, giving you constant updates of your fleet's health and compliance status.

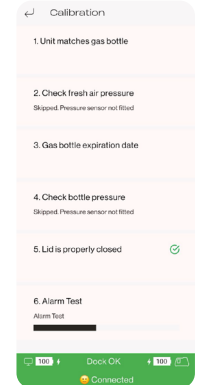
Home Screen



Menu



Calibration



SST Dock Specifications

Dimensions (LxWxH)	28 x 21 x 10 cm (11 x 8.2 x 4 in.)
Weight	1.8 Kg (63.5 oz.)
Temperature	+5 - 40 °C
Humidity	10% to 90% r.h.
Storage temperature	0 - 50 °C
Power supply	12 V 1,5 A
Real time clock	Yes, updateable
Data storage	More than 1 year of operation
Connection capability	Wi-Fi, Cellular, BLE - connected into the cloud and WatchGas App
Gas inlets	Fresh air inlet, 2 gas inlets and one purge
Testing functions	Bump test, calibration (user selectable), device configuration and data download. Also tests device alarms, visual LED's
Device compatibility	One module compatible with SST Range
Certifications and Approvals	EMC Directive 2014/30/EU Low Voltage Directive 2014/35/EU FCC Part 15 RoHS Directive 2011/65/EU RED 2014/53/EU
Warranty	2 years

Accessories

Gas Cylinder
(Ask for bottle size and concentration)

WatchGas SST-Dock D.F. Regulator
with Pressure Sensor
SST-DFRPSV

Last-o-More Tubing
(Available per meter)
5x8mm 411-0018-039
3x5mm 411-0018-038

WatchGas Complete Dock Kit
with rugged carrying case
SST-DOCK-ALU

Nanuk Hard Case with Space for 2 Gas Cylinders and DFR
with precut foam
SST-DOCK-Nanuk

For more information

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WatchGas is dedicated to continuously improving its products. Therefore, the specifications and features mentioned in this datasheet are subject to change without prior notice.

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