

A photograph of an industrial facility, possibly a refinery or chemical plant, at sunset. The sky is filled with orange and yellow clouds, and the sun is low on the horizon. The facility consists of various structures, including tall distillation columns, storage tanks, and a complex network of pipes and scaffolding. The entire scene is reflected in a body of water in the foreground, creating a symmetrical image.

**blackline**safety

# PRODUCT DATASHEETS

## Every second counts.

When an incident occurs, the clock starts — and it doesn't stop until help arrives. What happens in between is in your hands, and decisions must be made in real-time. Who's involved, what happened, where is everyone and how are you going to manage the situation?

Blackline's connected safety monitoring technology gives you the chance to control time. Our technologies automatically watch over each employee and call for help, even when they can't. Every alert is reported to monitoring personnel in real-time, arming them with the situational awareness to manage optimized emergency responses.

Our solutions are all about trust and ease of use — connecting your team to real people and ensuring industry-leading monitoring accompanies them, wherever they operate.





# G7 DOCK

## Connected Gas Calibration and Bump Testing

Blackline Safety's G7 Dock is the simple solution to easily calibrate, bump test and charge G7 devices. Docks can be used with both G7c and G7x devices, and supports G7 Single-gas and Quad-gas cartridges.

G7 Dock requires no initial setup — all communications and configurations work out of the box. G7 Dock leverages Blackline Live cloud-hosted monitoring portal for configuration and to store test data for compliance tracking and reporting.

With G7 Dock, bump tests and calibrations are straightforward, performed by simply placing G7 into the dock and using the inserted G7 device's LCD screen and menu system. If a G7 device is due for a bump test and/or calibration, it will automatically perform the required test actions when placed into the dock and the lid closed. All test results are communicated in real-time to the user's Blackline Live account after test actions are complete.

Blackline Live makes it easy to manage changes to G7 Dock inlet configurations. Many organizations leverage the convenience of multi-gas mixtures while others employ single-gas cylinders for the improved cost of detector testing and calibration. The default configuration for G7 Dock is a multi-gas mixture, but also supports single-gas setups. Each dock has five ports at the back of the device — four gas inlets and one outlet for exhausting calibration gas. G7 Dock is configurable to manage up to four gas cylinders.

Blackline Safety designed G7 Dock to provide economical use of calibration gas, with a low flow rate.

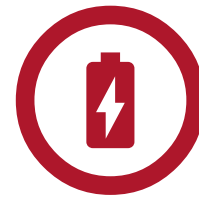
### Features



Bump test



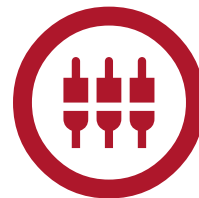
Calibrations



Charging



Easy setup

Blackline Live™  
web portalEasy inlet  
configuration

Quick-connects





**FIVE-WAY G7 DOCK CONFIGURATION** For added efficiency, G7 Docks can be setup in multi-dock configurations, accommodating up to five G7 Docks with one gas cylinder. Docks can be mounted on a wall or set up on a table top at any location — docks don't require an ethernet connection, with all information communicated by G7 devices under test. Blackline provides tubing kits for customers looking to implement multi-dock configurations.

## DETAILED SPECIFICATION

### Size & Weight

Size: 215mm x 100mm x 95mm (8.46", 3.94", 3.74")

Weight: 202g (7.1oz)

### Mounting

Wall mounting

Desk mounting

Technical user guide includes mounting template

### Gas interface configuration

Four customizable gas inlets, one purge port

### Internal pumps

Diaphragm pumps

### Bump test

25-second bump test, less than 10 seconds of gas applied during a bump

### Calibration

Four minute calibration, less than two minutes of gas applied during a calibration

### Gas Usage

Optimized gas delivery (estimated flow 300ml/min)

### Power Supply

Input voltage: 5 VDC @ 1000 mA

Power connector: Micro-USB

120/240 VAC power adaptor and USB cable included

### Regulatory Compliance

RCM | CAN ICES-3(B)/NMB-3(B) | FCC | CE

### Warranty

Two year warranty

### Blackline Live Web Application

Cloud-hosted safety monitoring web application is highly customizable for every customer requirement. Includes live map, employee address book, user roles, alert management, device configurations, alert setups and reporting.

## HIGHLIGHTS

- Over-the-air configuration updates
- Manage all dock configurations through Blackline Live web portal
- Automatic bump tests
- Automatic calibrations
- Dock usage reports via Blackline Live
- Gas usage reports via Blackline Live
- Doubles as a convenient charging station for G7 devices (Standard, Single-gas and Quad-gas)

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