



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 organisations 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.

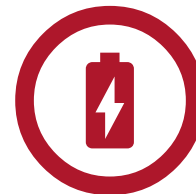
Features



Bump test



Calibrations



Charging



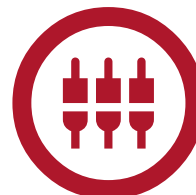
Easy setup



Blackline Live™
web portal



Easy 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 customisable 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 customisable 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 charging station for G7 devices (Standard, Single-gas and Quad-gas)

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