



# DOCKING AND CALIBRATION STATION

Gas Detection For Life

**SDM-3R**



## Features

### Stand Alone Use (no PC required)

- Compatible with both GX-3R and GX-3R Pro
- Automatically charge, bump test, and/or calibrate
- Auto on/off of gas detector
- 3 separate gas inputs
- Multiple modules (10 max) can use one set of calibration equipment
- Save Bump Test, Calibration, and Alarm Check records to USB flash drive, computer, or network
- Includes PC software for viewing/archiving bump test, calibration records, and event data

### PC-Controlled Use

- Multiple modules connected to a PC (10 max)
- Automatic calibration/bump test option
- Configure GX-3R (Pro) parameters
- Archive Bump Test, Calibration, and Alarm Check
- Archive data to network location
- Software controlled data retrieval
- Windows 7, 8, and 10 compatible

### Stand Alone Use

The SDM-3R is a versatile maintenance tool that automates the service of a GX-3R (Pro) portable gas monitor. This docking station can be used as a stand alone device for charging, calibration and bump testing, with all records stored automatically for future upload to a PC via USB flash drive (PC software and flash drive included).

### PC-Controlled Use

Automate how you manage and service GX-3R (Pro) instruments by connecting the SDM-3R to a computer with a USB cable. With the SDM Docking Station controller software, you can simultaneously calibrate, bump test, alarm check, archive data, or charge up to ten instruments. You can also download the datalogging history from each instrument into one easy to manage location. SDM-3R stations can be manifolded together to reduce the number of demand flow regulators gas cylinders required.

## ORDERING INFORMATION

### Docking Stations with 1 cylinder input

|             |                                                                                                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 81-SDM3R101 | SDM-3R calibration station with 1 solenoid , AC adapter, flash drive, USB cable, and tubing                                                                        |
| 81-SDM3R102 | SDM-3R calibration station with 1 solenoid, <b>demand flow regulator</b> , AC adapter, flash drive, USB cable, and tubing                                          |
| 81-SDM3R103 | SDM-3R calibration station with 1 solenoid, demand flow regulator, <b>58AL cyl H2S/CO/CH4/O2</b> , cylinder holder, AC adapter, flash drive, USB cable, and tubing |
| 81-SDM3R104 | SDM-3R calibration station with 1 solenoid, demand flow regulator, <b>34AL cyl H2S/CO/CH4/O2</b> , cylinder holder, AC adapter, flash drive, USB cable, and tubing |

### Docking Stations with 2 cylinder inputs

|             |                                                                                                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 81-SDM3R201 | SDM-3R calibration station with 2 solenoids, AC adapter, flash drive, USB cable, and tubing                                                                        |
| 81-SDM3R202 | SDM-3R calibration station with 2 solenoids, <b>demand flow regulator</b> , AC adapter, flash drive, USB cable, and tubing                                         |
| 81-SDM3R203 | SDM-3R calibration station with 2 solenoid, demand flow regulator, <b>58AL cyl H2S/CO/CH4/O2</b> , cylinder holder, AC adapter, flash drive, USB cable, and tubing |
| 81-SDM3R204 | SDM-3R calibration station with 2 solenoid, demand flow regulator, <b>34AL cyl H2S/CO/CH4/O2</b> , cylinder holder, AC adapter, flash drive, USB cable, and tubing |

### Docking Stations with 3 cylinder inputs

|             |                                                                                                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 81-SDM3R301 | SDM-3R calibration station with 3 solenoids, AC adapter, flash drive, USB cable, and tubing                                                                        |
| 81-SDM3R302 | SDM-3R calibration station with 3 solenoids, <b>demand flow regulator</b> , AC adapter, flash drive, USB cable, and tubing                                         |
| 81-SDM3R303 | SDM-3R calibration station with 3 solenoid, demand flow regulator, <b>58AL cyl H2S/CO/CH4/O2</b> , cylinder holder, AC adapter, flash drive, USB cable, and tubing |
| 81-SDM3R304 | SDM-3R calibration station with 3 solenoid, demand flow regulator, <b>34AL cyl H2S/CO/CH4/O2</b> , cylinder holder, AC adapter, flash drive, USB cable, and tubing |

Bold features indicate differences between the various versions of the docking stations.



Modular design for connecting up to 10 modules, easy snap together assembly

## SPECIFICATIONS

|                                 |                                                                                                                                                                                                                                                   |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input Power                     | AC Adapter with 100 - 240 VAC, 47-63 Hz, 0.4A input and 5.99 VDC, 2A output provided as standard.                                                                                                                                                 |
| Environmental Conditions        | For Indoor Use Only<br>0° C to 40° C, below 95% Relative Humidity, Non-Condensing                                                                                                                                                                 |
| Applicable Instruments          | GX-3R and GX-3R Pro                                                                                                                                                                                                                               |
| Maximum Number of Records Saved | <b>Stand Alone:</b> 200 calibrations, or 214 bump test, or 469 alarm check records<br><b>PC program Controlled:</b> Unlimited records                                                                                                             |
| 5 Ports                         | 3 Calibration gas, 1 fresh air and 1 exhaust                                                                                                                                                                                                      |
| Standard Accessories            | <ul style="list-style-type: none"> <li>• AC Adapter</li> <li>• USB Flash Drive</li> <li>• Inlet Air Filter</li> <li>• 10 Foot Long Exhaust Tube</li> <li>• One 3 Foot Long Tube for GAS Fitting</li> <li>• USB Cable, Type A to Type B</li> </ul> |
| Warranty                        | 1 year                                                                                                                                                                                                                                            |



LED lights display status & function

Control Panel View

USB connection to PC

LAN connection

Exhaust port

AC Power

Back View

3 separate gas inputs available

USB port for downloading data

Side View

Air inlet

