



# DOCKING AND CALIBRATION STATION

Gas Detection For Life

SDM-03



## Features

### Stand Alone Station

- Stand-alone station (no PC Required)
- Calibration
- Bump Test
- Save Bump Test and Calibration records
- Bump test and calibration records copy to USB jump drive
- Includes PC software for viewing/archiving bump test and calibration records

### Multi Module System

- Multiple modules connected to a PC (10 max)
- Calibration
- Bump Test
- Automatic calibration/bump test option
- Configure 03 Series parameters
- Archive Bump Test and Calibration records
- Archive data to network location
- Software controlled data retrieval
- Windows 7 compatible

### Stand Alone Station

The SDM-03 is a versatile maintenance tool that automates the testing service of a 03 Series 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).

### Multi Module System

Automate how you manage and service 03 Series instruments by connecting the SDM-03 to a computer with a USB cable. With the SDM Docking Station controller software, you can simultaneously calibrate, bump test, or archive data for up to ten instruments. Also, download the data logging history from each instrument into one easy to manage locator. SDM-03 stations can be manifolded together to reduce the number of demand flow regulator gas cylinders required.

## ORDERING INFORMATION

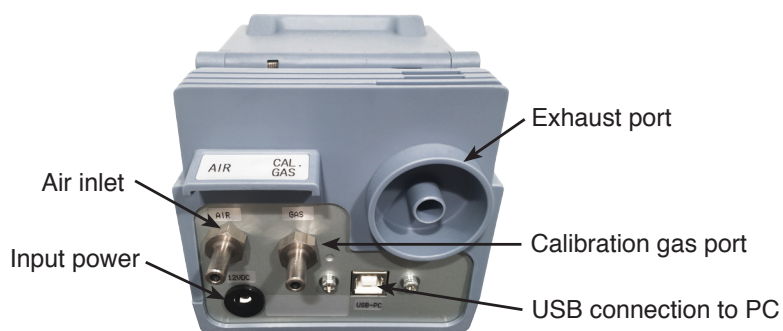
| Docking Station                                                                                 |                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 81-SDM03-01                                                                                     | Single point calibration station for 03 Series, model SDM-03 with AC Adaptor, flash drive, USB cable, tubing & installation CD                                      |
| 81-SDM03-02                                                                                     | Single point calibration station for 03 Series, model SDM-03 with AC Adaptor, flash drive, USB cable, tubing installation CD & demand flow regulator 34AL/58AL/103L |
| Highlighted features indicate differences between the various versions of the docking stations. |                                                                                                                                                                     |
| CALIBRATION EQUIPMENT & ACCESSORIES                                                             |                                                                                                                                                                     |
| 81-0078RK-03                                                                                    | Cylinder, 100% N <sub>2</sub> , 103L                                                                                                                                |
| 81-0064RK-03                                                                                    | Cylinder, CO 50 ppm in air, 103L                                                                                                                                    |
| 81-0064RK-01                                                                                    | Cylinder, CO 50 ppm in air, 34L                                                                                                                                     |
| 81-0012RK-03                                                                                    | Cylinder, / Methane 50% LEL / in air, 103L                                                                                                                          |
| 81-0151RK-02                                                                                    | Cylinder, H <sub>2</sub> S 25 ppm in N <sub>2</sub> , 58AL                                                                                                          |
| 81-1054RK                                                                                       | Regulator, demand flow for 34AL/58AL/103L                                                                                                                           |
| 81-1055RK                                                                                       | Regulator, demand flow for 17L/34L steel cylinders                                                                                                                  |
| 82-6050RK                                                                                       | USB Hub, 4 port 2.0 for SDM-03                                                                                                                                      |
| 82-6051RK                                                                                       | USB Hub, 7 port 2.0 for SDM-03                                                                                                                                      |
| 71-8007RK                                                                                       | SDM-03 Product CD                                                                                                                                                   |

## SPECIFICATIONS

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input Power                     | 12 VDC<br>NOTE: AC Adaptor with 100 - 240 VAC, 50/60 Hz, 0.6A input and 12 VDC, 1.2A output provided as standard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Environmental Conditions        | <ul style="list-style-type: none"> <li>For Indoor Use Only</li> <li>-10° C to 40° C, below 80% Relative Humidity, Non-Condensing</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Applicable Instruments          | 03 Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Maximum Number of Records Saved | 200 (stand-alone). Unlimited with software                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 3 Ports                         | 1 Calibration gas, 1 fresh air and 1 exhaust                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Standard Accessories            | <ul style="list-style-type: none"> <li>AC Adaptor</li> <li>USB Flash Drive</li> <li>Single Module Data Viewer Software</li> <li>SDM-03 Docking Station PC Controller Program</li> <li>Inlet Air Filter</li> <li>Instruction Manual</li> <li>10 Foot Long Exhaust Tube</li> <li>One 3 Foot Long Tube for GAS Fitting</li> <li>2 T-Fittings (for PC Controlled Configuration only)</li> <li>10 Foot Long 3/16 Inch Tube for GAS manifold-ing (used for PC Controlled Configuration only)</li> <li>Check Valve (used for PC Controlled Configuration only)</li> <li>USB Cable, Type A to Type B</li> </ul> |



Control Panel View



SDM Back View

