



# DOCKING AND CALIBRATION STATION

## SDM-2009

### Stand Alone Station

The SDM-2009 is a versatile maintenance tool that automates the service of a GX-2009 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).

### Modular Design

Automate how you manage and service GX-2009 instruments by connecting the SDM-2009 to a computer with a USB cable. With the SDM Docking Station controller software, you can simultaneously calibrate, bump test, archive data, or charge up to ten instruments. Also, download the datalogging history from each instrument into one easy to manage locator. SDM-2009 stations can be manifolded together to reduce the number of demand flow regulator gas cylinders required.



## Features

### Stand Alone Station

- Stand-alone station (no PC Required)
- Charging
- 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

### Multi Module System

- Multiple modules connected to a PC (10 max)
- Charging
- Calibration
- Bump Test
- Automatic calibration/bump test option
- Configure GX-2009 parameters
- Archive Bump Test and Calibration records
- Archive data to network location
- Software controlled data retrieval
- Windows 7 compatible

Docking Station	
81-SDM2009-01	Single point calibration station for GX-2009, model SDM-2009 with AC Adaptor, flash drive, USB cable, tubing & installation CD
81-SDM2009-02	Single point calibration station for GX-2009, model SDM-2009 with AC Adaptor, flash drive, USB cable, tubing installation CD & <b>demand flow regulator</b>
81-SDM2009-03	Single point calibration station for GX-2009, model SDM-2009 with AC Adaptor, flash drive, USB cable, tubing, installation CD, demand flow regulator & <b>58AL cyl H2S (25 ppm)/CO/CH4/O2</b>
81-SDM2009-06	Single point calibration station for GX-2009, model SDM-2009 with AC Adaptor, flash drive, USB cable, tubing, installation CD, demand flow regulator & <b>34AL cyl H2S (25 ppm)/CO/CH4/O2</b>

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

**Calibration equipment & accessories**

81-0089RK-03	Cylinder, CO 50 ppm / Hexane 15% LEL / O2 12 % in N2, 103L
81-0090RK-01	Cylinder, CO 50 ppm / Methane 50% LEL / O2 12 % in N2, 34L
81-0090RK-03	Cylinder, CO 50 ppm / Methane 50% LEL / O2 12 % in N2, 103L
81-0151RK-02	Cylinder, H2S 25 ppm in N2, 58AL
81-0154RK-02	Cylinder, H2S 25 ppm / CO 50 ppm / CH4 50% LEL / O2 12% in N2, 58AL
81-0154RK-04	Cylinder, H2S 25 ppm / CO 50 ppm / CH4 50% LEL / O2 12% in N2, 34AL
81-0155RK-02	Cylinder, H2S 25 ppm / CO 50 ppm / HEX 15% LEL / O2 12% in N2, 58AL
81-0158RK-02	Cylinder, H2S 25 ppm / CO 50 ppm / isobutane 50% LEL / O2 12% in N2, 58AL
81-0158RK-04	Cylinder, H2S 25 ppm / CO 50 ppm / isobutane 50% LEL / O2 12% in N2, 34AL
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-2012
82-6051RK	USB Hub, 7 port 2.0 for SDM-2012
71-8007RK	SDM-GX Product CD

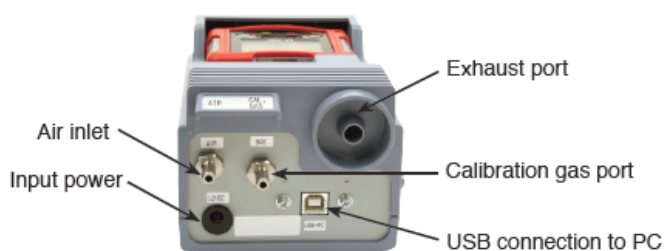
Specifications	
Input Power	12 VDC NOTE: AC Adaptor with 100 - 240 VAC, 50/60 Hz, 0.6A input and 12 VDC, 1.2A output provided as standard.
Environmental Conditions	<ul style="list-style-type: none"> <li>For Indoor Use Only</li> <li>-10° C to 40° C, below 80% Relative Humidity, Non-Condensing</li> </ul>
Applicable Instruments	GX-2009
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 GX 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 manifolding (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



Multi Module System



SDM Back View