AUTOMATIC DOCKING STATIONS

SPERIAN
Protection you can trust

Improve your gas detection program...automatically!

Managing your gas detection program has never been easier, thanks to Sperian® Gas Detector Automatic Docking Stations. Imagine a state-of-the-art gas detection program that will automatically provide you everything from better compliance to reduced labor and calibration gas costs. We will help you create a better gas detection program...automatically.

What is a Sperian automatic dock?

Sperian automatic docks will be the nerve center of your gas detection program. Simply place an instrument into the dock. Sperian docks *automatically* bump test each instrument, *automatically* download detector event and maintenance data, *automatically* check each detector for more than 12 different performance functions, *automatically* run a full calibration if the unit requires it...then *automatically* make all of that data available to you...in clear, easy-to-read reports!

Why Sperian docks?

Sure, some other companies make units they call "docks," but Sperian offers a truly unique, automated gas detection management system.

■ Easy Recordkeeping

Let's face it, recordkeeping is a lot of work. Downloading individual instrument records can take hours. Tracking calibration and exposure records is even worse. With Sperian automatic docks, all relevant data is automatically recorded each time you dock an instrument.

■ Full Instrument Check-up

Every time you dock an instrument, the dock will automatically test more than a dozen performance functions. The dock will automatically fail any instrument that is not within your defined performance specifications.

■ Automatic Calibration

Every time, the dock will check the unit to be sure the instrument is within calibration range. If the unit requires calibration – due either to elapsed time or unit performance – the dock will fully calibrate the instrument...and it takes only about 2 minutes for a full calibration!

■ Reduced Calibration Labor

A manual bump test of a single instrument takes the average user about 2 minutes. A Sperian automatic dock can perform a bump test in about 22 seconds. If you bump 10 instruments every morning, you could save over 60 hours of labor by the end of the year.

■ Calibration Gas Savings

Sperian docks use a lot less gas than manual calibrations. Here's an example: if you have 10 four-gas detectors and follow industry guidelines for daily verification, you could spend more than $10,000 per year in gas costs. Thanks to our automated, precise dosing, Sperian automatic docks can reduce your gas costs by over 60%. Sperian automatic docks could save you well over $6,000 per year in gas costs alone.

■ Reduced Legal Liability

No matter how good your recordkeeping is, manual systems are prone to error. And in case of an accident, errors mean liability. Our docks accurately and automatically record every test. Your recordkeeping is flawless.

Efficient and Economical

Biosystems Monitor Type:	ToxiPro®/Ltd®/3Ltd™ Single-Gas Monitor	MultiPro™ Multi-Gas Monitor	PHD6™ Multi-Gas Monitor
Bump Test	Under 30 seconds	Under 30 seconds	Under 45 seconds (for 4-gas configuration of O_2, LEL, CO, H_2S)
Calibration Test	About 1 minute	About 1 minute	Under 2 minutes (for 4-gas configuration of O_2, LEL, CO, H_2S)

Dock Software

There are 2 software programs available for PC interface.

Docking Station Software

■ Allows you to easily customize the instrument's settings
■ Configures dock options including calibration gas set-up
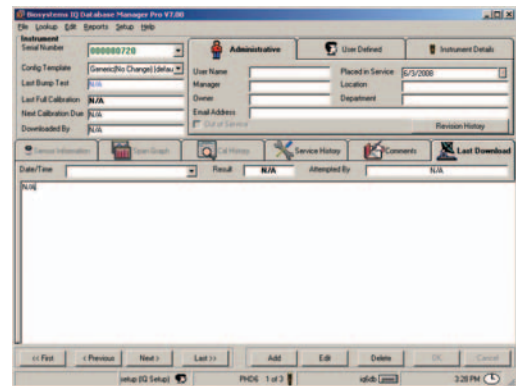■ Provides docking station live bump and calibration testing status

Database Management Software

■ Allows you to access and manage the data for all instruments in your database
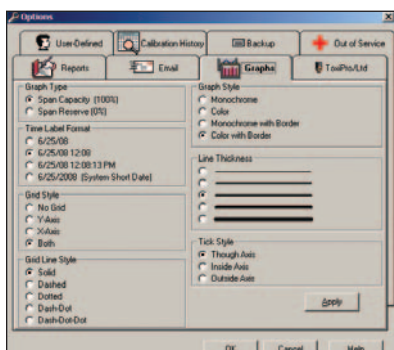

Dock Launched Screen

Database Management Software Features	Database Manager PRO
Maintains instrument and calibration data	✓
Generates reports, certificates, graphs at anytime	✓
■ Bump History/Overdue/Status Report	
■ Calibration History/Overdue/Status Report	
■ Calibration and Bump Certificates	
■ Sensor Span Reserve Report	
■ Instrument Service History and Status	
■ Instrument Firmware	
User defined text fields	✓
Email alert option set-up	✓
Software version	Postgre SQL Server Engine
Capacity	4 Terabit

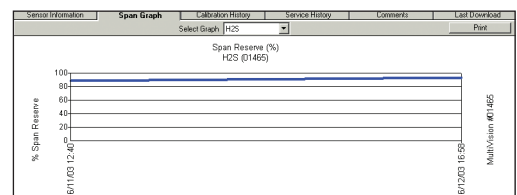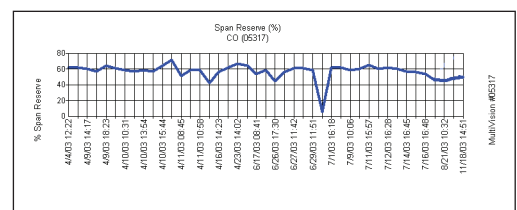*Database Management Launched Screen*

Historic Report

Manage database with Data Management Software program. Print reports, certifications and graphs at any time!
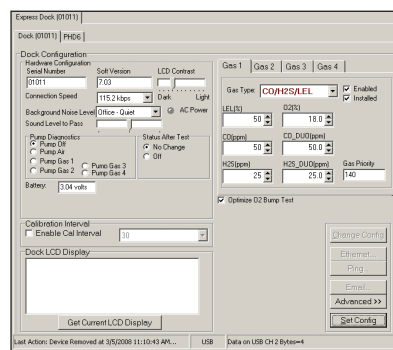
Instrument and gas settings can easily be customized through IQ Express Software program.

Graphs Examples

Automatic Docks and Accessories

Automatic docks are available for our Toxi family of single gas instruments and our MultiPro™ and PhD6™ lines of multi-gas instruments.

Toxi Single-Gas Docking Station

MultiPro Multi-Gas Docking Station

PhD6 Multi-Gas Docking Station

Toxi Single Gas Automatic Docking Stations for Biosystems ToxiPro/Ltd/3Ltd Single Gas Monitors

Part Number	Description
54-46-9000	Docking station, stand alone or USB set up, standard version (for O_2, CO or H_2S)
54-46-9100	Docking station, stand alone or USB set up, enhanced version (for O_2, CO, H_2S, SO_2, Cl_2, NO_2, NH_3, HCN or PH_3)
54-46-9000N	Docking station, Ethernet-ready standard version (for O_2, CO or H_2S)
54-46-9100N	Docking station, Ethernet-ready enhanced version (for O_2, CO, H_2S, SO_2, Cl_2, NO_2, NH_3, HCN or PH_3)

MultiPro Automatic Docking Stations for Biosystems MultiPro Multi-Gas Monitor

Part Number	Description
54-49-9000	Docking station, stand alone or USB set up
54-49-9000N	Docking station Ethernet-ready

PhD6 Automatic Docking Stations for Biosystems PHD6 Multi-Gas Monitor

Part Number	Description
54-54-9200	2-ports,* stand alone or USB set up
54-54-9200N	2-ports,* Ethernet-ready
54-54-9400	4-ports,** stand alone or USB set up
54-54-9400N	4-ports,** Ethernet-ready

*2-port version recommended for standard CO, O_2, H_2S and LEL sensors configuration.
**4-port version recommended for units with IR sensor, PID sensor or non-standard configuration.

Note: All docks include software, installation disks and manuals.

Docking Station Accessories

Part Number	Description
12-039	Demand flow regulator (required for dock usage)
54-05-001	Calibration gas tank holder

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