

Biosystems IQ6 Express™ Docking Station

The Biosystems IQ6 Dock™ is an automatic calibration station and data download center for the Biosystems PHD6™ multi sensor gas detectors. Just drop the detector into the dock and the IQ6 Dock does the rest - in as little as under a minute. The IQ6 begins by identifying the instrument and performing a quick battery test before moving on to a bump test. If the detector fails the bump test, the IQ6 Dock automatically performs a full span calibration of the detector without further intervention from the user. Once the instrument passes the bump test or span calibration, the IQ6 automatically tests the audible, visible and vibrating (if available) alarms before storing instrument data. Once all the tests are passed, the IQ6 Express Dock will show "Ready" on the display to indicate that the detector is ready for use.



The Biosystems IQ6 Dock™ comes standard with two configurable gas ports, which are sufficient for most users. A four-port model is available for users who process instruments with a wider variety of sensor options. As with our other IQ Express Docking Stations, all versions of the IQ6 Dock can be connected to a PC via USB port, or via Ethernet with the optional upgrade. The IQ6 Dock also features the ability to recharge Li-Ion versions of the PHD6. Just leave the instrument in the dock after processing and the dock will automatically recharge the detector.

IQ6 Dock Features

Automated Tests

- Automatic Instrument Identification
- Automatic Battery Test
- Automatic Alarm Tests (audible, visible, vibrating)
- Automatic Bump Test
- Automatic Calibration (if necessary)
- Automatic Record Keeping
- Automatic Ready / Fault indication

Configuration Options

- Standalone calibration station
- Connected to PC via USB
- Connected to PC via Ethernet (optional)

E-Mail

- Ethernet capable docks can send e-mail to a specified address when a fault is detected.

2-Ports versus 4-Ports Docks

- 2-port docks are capable of processing PHD6 using one multi-gas cylinder and one single component cylinders or two single component cylinders.
- 4-port docks are capable of processing PHD6 using one multi-gas cylinder and three single component cylinders or four single component cylinders.

Efficient and Economical

- Bump test in under 45 seconds for 4 gas configuration (O₂, LEL, CO, H₂S)
- Calibration in under 2 minutes for 4 gas configuration (O₂, LEL, CO, H₂S)

IQ6 Docks and Accessories Pricing

Part Number	Description	Price
Docks		
54-54-9200	2-Ports Standard Version with Software, Installation Disks and Manuals	\$1,195.00
54-54-9200N	2-Ports Ethernet-Ready with Software, Installation Disks and Manuals	\$1,295.00
54-54-9400	4-Ports Standard Version with Software, Installation Disks and Manuals	\$1,395.00
54-54-9400N	4-Ports Ethernet-Ready with Software, Installation Disks and Manuals	\$1,495.00
Accessories		
12-039	Demand Flow Regulator *	\$368.00
54-05-001	Calibration Gas Tank Holder	\$75.00

* Demand Flow Regulator is required for each gas cylinder.