

IQ EXPRESS

Docking Station



Assured Safety and Compliance in under 20 seconds.

The IQ Express is the perfect complement to the ToxiPro. The IQ Express is a fully automated bump test station that performs up to eight critical tests including:

- Sensor Identification
- **Battery Test**
- Audible Alarm Test
- Visual Alarm Test
- Vibrating Alarm Test (if applicable)
- Fresh Air Calibration
- **Bump Test**
- Span Calibration
- · Record Keeping

If the instrument fails the bump test, the IQ Express will automatically initiate a full span calibration without further intervention from the user. Total processing time with a full span calibration is still under one minute.

Improve record keeping efficiency. Just place the in the dock and the IQ Express Station does the rest. The IQ Express is cost effective and requires no testing or special clerical skills to use. Workers can check their instruments quickly and easily, minimizing the impact on their work schedule.

The IQ Express connects to your PC via USB to download instrument data. To make testing even easier, you can connect up to 4 IQ Express Stations to a single PC and even run them off the same cylinder of calibration gas (as long as the units have the same type of sensor).

Network connectivity is also possible thanks to the built in ethernet port.

Instrument testing records are viewable along with instrument data logging readings through the free software package, IQ management suite.

KEY FEATURES

- **Automatic Instrument** Identification
- Automatic Battery Test
- **Automatic Alarm Tests**
- **Automatic Bump Test**
- **Automatic Calibration**
- **Automatic Record Keeping**
- Automatic Ready / Fault indication
- Cascade between 1 and 4 docks
- Standalone calibration station
- Connected to PC via USB
- Bump test in under 20 seconds
- Calibration in under 1 minute

IQ EXPRESS

KEY 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
Single or Multiple Docks	Cascade between 1 and 4 docks
Configuration Options	Standalone calibration station
	Connected to PC via USB
PC Control	Connect to a PC for enhanced control over calibration
	and data acquisition during testing
Efficient and Economical	Bump test in under 20 seconds
	Calibration in under 1 minute



AVAILABLE MODELS

Part Number	Туре
81-8015-01	Non Reactive Docking Station
81-8015-02	Reactive Gas Docking Station
81-8015-03	Mounting Bracket Kit

SPECIFICATIONS Specifications subject to change without notice

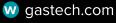
Analogue Output	Two wmA
Indication	Graphical Back Light LCD display
Relay Outputs	3 user adjustable SPDT
Sounder	98db
Strobe	Red, Amber Clear, Blue, Green, Yellow
Input Power	20-30VDC
Response Time	90% full scale response in less than 40 seconds sensor dependent
Operating	-20oC to +60oC (+55o IS Version) *50oC
Temperature	sensor special
Humidity Range	0-95% non condensing
Accuracy	±5% of reading
Repeatability	±1% of reading

Sensor style	Standard 7 series or 4 series plug in sensors
Calibration	Non intrusive push buttons, no screw- drivers or meters needed
Drift	Less than 5% signal loss per year
Weight	500g
Dimensions	206mm x 90mm x 55mm
Enclosure	IP66 anti static RFI/EMI UV stable Chemical resistant Nylon
IP rating	IP65 sounder
Warranty	 2 Years on sensor and electronics for O₂, CO & H₂S 1 year on all other sensors









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