

# 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	<ul style="list-style-type: none"> <li>• Automatic Instrument Identification</li> <li>• Automatic Battery Test</li> <li>• Automatic Alarm Tests (audible, visible, vibrating)</li> <li>• Automatic Bump Test</li> <li>• Automatic Calibration (if necessary)</li> <li>• Automatic Record Keeping</li> <li>• Automatic Ready / Fault indication</li> </ul>
Single or Multiple Docks	<ul style="list-style-type: none"> <li>• Cascade between 1 and 4 docks</li> </ul>
Configuration Options	<ul style="list-style-type: none"> <li>• Standalone calibration station</li> <li>• Connected to PC via USB</li> </ul>
PC Control	<ul style="list-style-type: none"> <li>• Connect to a PC for enhanced control over calibration and data acquisition during testing</li> </ul>
Efficient and Economical	<ul style="list-style-type: none"> <li>• Bump test in under 20 seconds</li> <li>• Calibration in under 1 minute</li> </ul>



## AVAILABLE MODELS

Part Number	Type
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

<b>Analogue Output</b>	Two wmA	<b>Sensor style</b>	Standard 7 series or 4 series plug in sensors
<b>Indication</b>	Graphical Back Light LCD display	<b>Calibration</b>	Non intrusive push buttons, no screw-drivers or meters needed
<b>Relay Outputs</b>	3 user adjustable SPDT	<b>Drift</b>	Less than 5% signal loss per year
<b>Sounder</b>	98db	<b>Weight</b>	500g
<b>Strobe</b>	Red, Amber Clear, Blue, Green, Yellow	<b>Dimensions</b>	206mm x 90mm x 55mm
<b>Input Power</b>	20-30VDC	<b>Enclosure</b>	IP66 anti static RFI/EMI UV stable Chemical resistant Nylon
<b>Response Time</b>	90% full scale response in less than 40 seconds sensor dependent	<b>IP rating</b>	IP65 sounder
<b>Operating Temperature</b>	-20oC to +60oC (+55o IS Version) *50oC sensor special	<b>Warranty</b>	<ul style="list-style-type: none"> <li>• 2 Years on sensor and electronics for O<sub>2</sub>, CO &amp; H<sub>2</sub>S</li> <li>• 1 year on all other sensors</li> </ul>
<b>Humidity Range</b>	0-95% non condensing		
<b>Accuracy</b>	±5% of reading		
<b>Repeatability</b>	±1% of reading		



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