



**Test/Calibration Docking System
compatible with X5 and XD portable
gas detectors and expandable
up to 10 docking modules**

MicroDock II



Automatic Operation

- Automatic “hands-free” calibration and functional bump test
- Automatically checks performance of audible and visual alarms
- Simplified record keeping – stores and updates calibration data
- Low Maintenance

Easy to Use

- No computer required
- Entirely self-contained
- Lightweight and mobile

Flexible & Expandable Applications

- Operates via line power or set of four C-cell batteries
- Additional self-contained docking modules added to system via simple, plug-in connections – no external pressure transducers or gas lines necessary
- Minimized cost of ownership

Networking Support

- Multiple MicroDock II systems can be connected via a LAN
- Multi-language support in English, French, German, Spanish and Portuguese

The MicroDock II Test/Calibration Docking System is a cost-effective way to manage calibration, bump testing and datalogging of Honeywell Analytics’ X5 and XD portable gas detectors.

The MicroDock II packs advanced technology within a compact design to offer the industry’s foremost automatic calibration, testing and data management system for portable gas detection equipment. Compatible with the Honeywell Analytics XD and X5 portable gas detectors, the MicroDock II expands up to 10 docking modules (including up to 6 charging units).

Fully portable, lightweight and self-contained, the MicroDock II requires no computer. Instrument records are stored for easy retrieval in the MicroDock II and each individual gas detector. Each MicroDock II system can be connected to a LAN.

Cost and time requirements for routine maintenance are reduced through the MicroDock II’s sophisticated automatic calibration and test procedures.

The MicroDock II System includes Honeywell’s Fleet Manager software, which consolidates MicroDock II’s information into a central database, taking the work out of data analysis and management. This software tool enables users to:

- Create reports automatically
- Sort, format and export data
- View history
- Archive easily
- Customize with user-definable fields

User-friendly, flexible and expandable, the MicroDock II provides the ultimate solution for managing Honeywell Analytics’ high-performance XD and X5 portable gas detectors.



- TEST, PASS AND FAIL LED INDICATORS
- LARGE, ALPHANUMERIC STATUS LCD
- FULLY AUTOMATIC “HANDS FREE” TEST AND CALIBRATION
- BUILT-IN PUMPED INLETS FOR GAS DELIVERY
- EASY EXPANSION FOR MULTIPLE MODULES

General specifications



Use	Automated calibration/bump-test station for Honeywell Analytics X5 and XD portable gas detectors
Power Supply	6V wall adapter or four C-cell batteries
Microcontroller	High performance microcontroller system
Real-time clock	Provides time and date stamp for "last calibration" and "last bump" data
Data storage	Automatic (instrument and base station) 32 MB MultiMediaCard data storage system
External interface	USB 2.0 interface for PC (USB 2.0 full speed)
Pump	DC motor, micro-diaphragm; 3.3V PCB mount
Flow rate	Typically 300 mL/min
Calibration gas cylinder inputs	2-gas inlets (standard) 5-gas inlets (maximum)
Automatic tests	Functional bump, calibration, audible alarm, visual alarm
Configuration recognition	Automatic (instrument and sensor)
Detector configuration	User-settable with Fleet Manager applications
Calibration gas connections	Built-in (base station) 1/8" SMC connect sub-miniature coupling
Solenoid	Built-in (docking modules)
LED INDICATORS:	Yellow – TEST (on each docking module) Green - PASS Red - FAIL
LCD:	4 line x 16 characters, wide viewing angle, user-selectable backlighting
Dimensions	8.3 x 10.4 x 3.2 in. / 21.2 x 26.3 x 8.2 cm (base station plus one docking module)
Enclosure	Impact- resistant PC/ABS (polycarbonate)
COMMAND KEYS:	
Base station	Menu navigation
Docking modules	One touch Bump-test initiation One touch Calibration initiation One touch data transfer on XD
Communications Method	Infrared communication between docking module and detector
Warranty	2 years

Honeywell Analytics Lines of Business



Commercial

Vulcain-brand gas detection from stand-alone units to fully engineered, multi-point systems, all offering cost-effective regulatory compliance

- » Applications: parking structures, chillers, mechanical rooms, office towers, commercial buildings, shopping centers, swimming pools, golf courses, schools and universities, laboratories

Find out more

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Honeywell

Industrial

Renowned Sieger and Manning gas detection systems with advanced electrochemical, infrared and open path sensing technologies

- » Applications: oil and gas, cold storage, water/wastewater treatment, chemicals, engine rooms, plastics and fibers, agriculture, printing and light industrial



Portables

Single or multi-gas Lumidor and other premium detectors with compact, lightweight designs ranging from simple alarm only units to advanced, fully configurable and serviceable instruments

- » Applications: underground utility and electricity ducts, boiler rooms, post-fire sites, sewers, industrial plants, industrial hygiene, first responder teams, remote fleets



High Tech/Government

A complete portfolio of gas and chemical detection instrumentation including infrared spectroscopy (MST) with no cross interference, to Chemcassette paper-based solutions (MDA Scientific) offering detection down to parts per billion

- » Applications: semiconductor manufacturing and nanotechnology, aerospace propulsion and safety, specialty chemicals industry, research laboratories, emergency response

Technical Services

24/7 global network includes post-sales service and Systems Integration teams

- » Emergency call out, service contracts, on/off-site repair, training and commissioning
- » Complete range of spares, consumables and accessories



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