MicroDock II

BW Technologies by Honeywell

Automated Instrument Docking Station

Cost-Effective Instrument Management

The MicroDock II is the world's most advanced, compact and affordable automatic calibration, testing and data management system for portable gas detection equipment. Compatible with BW's GasAlertMicro 5, GasAlertMicro 5 PID, GasAlertMicro, GasAlertMicroClip, GasAlert Extreme and GasAlertClip Extreme family, the MicroDock II is expandable to up to 10 docking modules (including up to 6 charging units).

⚠ Fully automatic "hands-free" calibration and functional bump test

⚠ Automatically verifies performance of audible and visual alarms

⚠ Stores and updates calibration records in the MicroDock II, as well as in the GasAlertMicro 5, GasAlertMicro 5 PID, GasAlertMicro, GasAlertMicroClip and GasAlert Extreme detectors

⚠ No computer required

⚠ Entirely self-contained

⚠ Fully portable

⚠ Lightweight and mobile

⚠ Operates via line power or a set of four C-cell batteries

⚠ Add additional self-contained docking modules to system via simple, plug-in connections—no external pressure transducers or gas lines necessary

⚠ Simplify record keeping

⚠ Verify proper performance

⚠ Reduce maintenance costs

⚠ Multiple MicroDock II Systems can be connected via a LAN

⚠ Multi-language support in English, French, German, Spanish and Portuguese

Fully automatic!

Fully portable!

Fully affordable!

GasAlertMicro 5 & GasAlertMicro 5 PID
GasAlertMicro
NEW!
GasAlertMicroClip
GasAlert EXTREME
GasAlertClip EXTREME

Ordering Information

Basic One-Module MicroDock II System
Includes base station, one docking module (installed), 110-240 VAC universal power adapter, 64 MB MultiMediaCard (installed), Fleet Manager software (English and French), USB connector cable, fresh air inlet filter, four C-cell alkaline batteries, two 2 ft./0.6 m calibration gas hoses, two gas cylinder inlet fittings and instructions.
Note: REG-DF-1 demand flow regulator must be ordered separately if system is not ordered as a portable system kit.

Portable MicroDock II System - One Module Kit
Includes basic MicroDock II System components, plus 34 L quad calibration gas cylinder, demand flow regulator, all in a convenient hard-sided carrying case.

Portable MicroDock II System - Multi-Module Kit
Includes basic MicroDock II System components with up to three docking modules, calibration gas cylinder(s), demand flow regulator, all in a heavy duty, waterproof, foam-lined carrying case.

Accessories and Options

REG-DF-1	Demand Flow Regulator
REG-DF-2	Demand Flow Regulator for refillable cylinders
DOCK2-V-CHRG1	Vehicle Charger for MicroDock II
WMA-DOCK	Wall Mount Adaptor
DOCK2-CC1	Carrying Case, hard-sided (1 module system)
DOCK2-CC2	Carrying Case, heavy duty waterproof (1-3 module system)

ISO
ISO9001:2000
Registered

www.gasmonitors.com

MicroDock II

Automated Calibration / Bump Test Station

The **MicroDock II** system is a cost-effective way to manage calibration and bump-testing of the *GasAlertMicro 5*, *GasAlertMicro 5 PID*, *GasAlertMicro, GasAlertMicroClip*, *GasAlert Extreme* and *GasAlertClip Extreme* family. Fully portable and easily expandable, the MicroDock II requires no computer and provides simultaneous management of up to 10 docking modules (including 6 charging units).

Cost and time requirements for routine maintenance are reduced through the MicroDock II's sophisticated automatic calibration and test procedures. Instrument records are stored for easy retrieval in the MicroDock II and each individual gas detector. Each MicroDock II system can be connected via a LAN connection

Use BW Technologies' free **Fleet Manager** software to take the work out of data management.

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

Whether on an internal company network or half way around the world, BW Technologies' **Fleet Manager** software will consolidate your MicroDock II information into a central database.

Minimize expenses and maximize productivity with the **MicroDock II**.

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by Honeywell

SPECIFICATIONS

INSTRUMENT: Automated calibration/bump-test station for GasAlertMicro 5, GasAlertMicro 5 PID, GasAlertMicro, GasAlertMicroClip, GasAlert Extreme, and GasAlertClip Extreme family

GENERAL SPECIFICATIONS:

Microcontroller:	High performance microcontroller system
Power supply:	6V wall adapter or four C-cell batteries
Real-time clock:	Provides time and date stamp for "last calibration" and "last bump" data
Data storage:	Automatic (instrument and base station)
	64 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
Physical size:	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 intitation
Communications method:	Infrared communication between docking module and detector

WARRANTY: 2 years

DUE TO ONGOING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

1 TEST, PASS AND FAIL LED INDICATORS

2 LARGE, ALPHANUMERIC STATUS LCD

3 FULLY AUTOMATIC, "HANDS-FREE" TEST AND CALIBRATION

4 BUILT-IN PUMPED INLETS FOR GAS DELIVERY

5 EASY EXPANSION FOR MULTIPLE MODULES

6 COMPLETELY MODULAR

A Charging / Non-Charging *GasAlertMicro 5* & *GasAlertMicro 5 PID* Docking Module (compatible with both pump and diffusion modes)

B Charging *GasAlertMicroClip* Docking Module

C Charging / Non-Charging *GasAlertMicro* Docking Module

D *GasAlert Extreme* Docking Module

E *GasAlertClip Extreme* Docking Module

Fleet Manager Software (free)
- data analysis made easy
- French version available

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