MicroDock II

Cost effective calibration and bump test management

The most cost effective way to manage the calibration and bump testing of BW's portable gas detectors is through the MicroDock II automated test and calibration system. Fully portable and easily expandable, the MicroDock II requires no computer and provides simultaneous management of up to ten modules. Minimize expenses and maximize productivity with the MicroDock II.
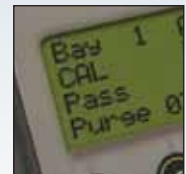
Compatible detectors

- GasAlertQuattro
- GasAlertMax XT II
- GasAlertMicroClip
- GasAlertMicro 5 Series
- GasAlertClip Extreme (2 and 3 Year)
- GasAlert Extreme

- Quick and easy compliance - automatically maintain accurate records
- Automatic bump testing, calibration, record keeping and charging
- One base station with one AC outlet supports up to ten modules to suit your application

BW Technologies
by Honeywell

Wear yellow. Work safe.

MicroDock II features:

- Fully automatic "hands-free" calibration and functional bump testing
- Automatically verifies performance of audible and visual alarms
- Stores and updates calibration records in the MicroDock II, as well as in datalogging instruments
- Entirely self-contained with no computer required
- Lightweight and fully portable with optional wall mount
- Operates via 6V line power or a set of four C-cell batteries
- Fully customizable

- Add extra self-contained docking modules to system via simple, plug-in connections—no external pressure transducers or gas lines necessary
- Simple, accurate record keeping and fleet management
- Verifies proper performance of detectors
- Reduces maintenance costs
- Multiple MicroDock II systems can be connected via a LAN
- Includes BW Fleet Manager II software for easy data analysis
- Multi-language support in English, French, German, Spanish and Portuguese

Options and Accessories

Cal gas wall mount

MicroDock II portable system kit

Demand flow regulator

Network USB

For a complete list of kits and accessories, please contact BW Technologies by Honeywell.

MicroDock II - choose any module combination with a maximum of ten docking modules, including six charging modules.

Note: Each gas cylinder connected to the system requires a individual demand flow regulator - sold separately

MicoDock II Specifications	
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)
Power supply	6V wall adaptor or four C-cell batteries
Real-time clock	Provides time and date stamp for "last calibration" and "last bump test" data
Data storage	Automatic (instrument and base station) MultiMediaCard data storage system
Communications method	Infrared communication between docking module and detector
External interface	USB 2.0 interface for PC (USB 2.0 full speed)
Pump	DC motor, micro-diaphragm; 6V PCB mount Flow rate 300 ml/min (typically)
Solenoid	Built-in (docking modules)
Calibration gas connections	1/8" SMC connect sub-miniature coupling two gas inlets (standard), five gas inlets (maximum)
Detector configuration	Automatic recognition of instrument and sensors User-settable with Fleet Manager II software
Command keys	Base station - menu navigation Docking module - One touch bump-test initiation - One touch calibration intitation - One touch data transfer *(specific products)*
LED indicators	Yellow "TEST", Green "PASS", Red "FAIL"
Ratings	This device complies with the FCC Part 15 and ICES-003 Canadian EMI requirements. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.
Certifications and approvals	ⓢ: Ordinary location approved IEC 61010 C22.2 No. 61010 CE: European Conformity
Warranty	Full two year warranty

Locally available from


BW Technologies by Honeywell

MicroDock II

Cost effective calibration and bump test management

The MicroDock II is an easy, cost-effective way to bump-test, calibrate, charge and manage records for BW portable gas detectors. With Fleet Manager II software, download information faster than ever from the MicroDock II. Improved functionality allows you to create accurate and user-friendly reports, print receipts of calibration, sort and graph data, archive information and manage your fleet of detectors. Compliance has never been easier.

General Specifications

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)
Power Supply	6V wall adaptor or four C-cell batteries
External interface	USB 2.0 interface for PC (USB 2.0 full speed)
Pump	DC motor, micro-diaphragm; 6V PCB mount Flow rate 300 ml/min (typically)
Solenoid	Built-in (docking modules)
Command Keys	Base station - Menu navigation Docking module - One touch bump-test initiation - One touch calibration initiation - One touch data transfer (specific products)
LED indicators	Yellow "TEST", Green "PASS", Red "FAIL"
Certifications and approvals	ⓊL Ordinary Location approved IEC 61010 / C22.2 No. 61010 CE: European Conformity
Warranty	Full two year warranty

Function	GasAlertClip Extreme	GasAlert Extreme	GasAlertQuattro	GasAlertMicroClip	GasAlertMicro	GasAlertMax XT	GasAlertMicro 5 Series
Bump check	•	•	•	•	•	•	•
Calibrate		•	•	•	•	•	•
Configure		•	•	•	•	•	•
Download Events	•	•	•	•		•	
Download Data		•	•	•		•	
Charging			•	•	•	•	•
Non-Charging	•	•			•		•

5062-22-NCL-BW-EN

BW Technologies
by Honeywell

Wear yellow. Work safe.

Module Configuration	Order Number
Base station with **GasAlertClip Extreme** H_2S module	DOCK2-2-1E-00-G
Base station with **GasAlertClip Extreme** CO module	DOCK2-2-1G-00-G
Base station with **GasAlertClip Extreme** SO_2 module	DOCK2-2-1F-00-G
Base station with **GasAlertClip Extreme** O_2 module	DOCK2-2-1H-00-G
Base station with **GasAlert Extreme** module*	DOCK2-2-1D-00-G
Base station with **GasAlertQuattro** module (charging) with no power supply	DOCK2-2-1N-00-G
Base station with **GasAlertQuattro** module (charging) with power supply	DOCK2-2-1C1N-00-G
Base station with **GasAlertMicroClip** module (charging) with power supply	DOCK2-2-1C1L-00-G
Base station with **GasAlertMicroClip** module (charging) with no power supply	DOCK2-2-1L-00-G
Base station with **GasAlertMax XT** module (charging) with power supply	DOCK2-2-1C1M-00-G
Base station with **GasAlertMax XT** module (charging) with no power supply	DOCK2-2-1M-00-G
Base station with **GasAlertMicro** module (charging) with power supply	DOCK2-2-1B1C-00-G
Base station with **GasAlertMicro** module (non-charging)	DOCK2-2-1A-00-G
Base station with **GasAlertMicro 5 Series** module (charging) with power supply and 2 gas inlets*	DOCK2-2-1C1K-00-G
Base station with **GasAlertMicro 5 Series** module (charging) with power supply and 3 gas inlets*	DOCK2-3-1C1K-00-G
Base station with **GasAlertMicro 5 Series** module (non-charging) with 2 gas inlets*	DOCK2-2-1J-00-G
Base station with **GasAlertMicro 5 Series** module (non-charging) with 3 gas inlets*	DOCK2-3-1J-00-G

*Not compatible with ClO_2 or O_3

 Note: Listed above are **commonly ordered** instrument configurations. To create a custom MicroDock II system, use the configurator table on the next page or contact BW Technologies for a copy of the electronic pricing and order number configurator.

Heavy Duty Case Kit
Use the configurator table on
the next page to create a custom
MicroDock II heavy duty case kit
(gas sold separately)

Hard Case Kit
Use the configurator table on
the next page to create a custom
MicroDock II hard case kit
(gas sold separately)

Base Station					
DOCK2	Base station				

	Inlet Configuration				
	2	1 fresh air, 1 calibration			
	3	1 fresh air, 2 calibration			
	4	1 fresh air, 3 calibration			
	5	1 fresh air, 4 calibration			

Docking Module Configuration		
Choose up to 10 docking modules (with up to 6 charging modules) in any combination (e.g. "-1A1C1J-")		
Qty/Code	Description	Qty
__ A	*GasAlertMicro* module(s) without charging	__ x
__ B	*GasAlertMicro* module(s) with charging	__ x
1 C	Power Supply needed if any charging module(s) selected	
__ D	*GasAlert Extreme* module(s)*	__ x
__ E	*GasAlertClip Extreme* H_2S module(s)	__ x
__ F	*GasAlertClip Extreme* SO_2 module(s)	__ x
__ G	*GasAlertClip Extreme* CO module(s)	__ x
__ H	*GasAlertClip Extreme* O_2 module(s)	__ x
__ J	*GasAlertMicro 5 Series* module(s) without charging*	__ x
__ K	*GasAlertMicro 5 Series* module(s) with charging*	__ x
__ L	*GasAlertMicroClip* module(s) with charging	__ x
__ M	*GasAlertMax XT* module(s) with charging	__ x
__ N	*GasAlertQuattro* module(s) with charging	__ x

***Not compatible with ClO$_2$ or O$_3$*

Portable Kit Configuration	
Choose your portable kit option. Gas sold separately.	
00	No kit. Base station and docking module(s) only.
Hard Case Kits — Holds 1 base station, 1 docking module and a 34 L cylinder of calibration gas	
01	Kit with 1 DFR (demand flow regulator), no gas
Heavy Duty Case Kits — Holds 1 base station, 1-3 docking module(s) and 1-3 58 L cylinder(s) of calibration gas in a foam-lined, water proof heavy-duty case	
03	Kit with 1 DFR, no gas

DOCK2 -		-		-	G

For example, the order number for a MicroDock II configured with base station, 2 inlets, 3 GasAlertMicro charging modules (plus 1 additional power supply for charging modules), 2 GasAlertClip Extreme H$_2$S modules, 1 GasAlertMax XT module and no portable kit option would be DOCK2-2-3B1C2E1M-00-G.

BW Technologies
by Honeywell

Accessory Docking Modules | Order Number

Accessory Docking Modules	Order Number
Base station with 2 gas inlets without power supply	DOCK2-2-00-G
Base station with 3 gas inlets without power supply	DOCK2-3-00-G
Base station with 4 gas inlets without power supply	DOCK2-4-00-G
Base station with 5 gas inlets without power supply	DOCK2-5-00-G
GasAlertClip Extreme H_2S docking module	DOCK2-0-1E-00-G
GasAlertClip Extreme CO docking module	DOCK2-0-1G-00-G
GasAlertClip Extreme SO_2 docking module	DOCK2-0-1F-00-G
GasAlertClip Extreme O_2 docking module	DOCK2-0-1H-00-G
GasAlert Extreme docking module*****	DOCK2-0-1D-00-G
GasAlertQuattro docking module (charging - no power supply)	DOCK2-0-1N-00-G
GasAlertQuattro docking module (charging with power supply)	DOCK2-0-1C1N-00-G
GasAlertMicroClip docking module (charging with power supply)	DOCK2-0-1C1L-00-G
GasAlertMicroClip docking module (charging - no power supply)	DOCK2-0-1L-00-G
GasAlertMax XT docking module (charging with power supply)	DOCK2-0-1C1M-00-G
GasAlertMax XT docking module (charging - no power supply)	DOCK2-0-1M-00-G
GasAlertMicro docking module (charging with power supply)	DOCK2-0-1B1C-00-G
GasAlertMicro docking module (charging - no power supply)	DOCK2-0-1B-00-G
GasAlertMicro docking module (non-charging)	DOCK2-0-1A-00-G
GasAlertMicro 5 Series docking module (charging with power supply)*****	DOCK2-0-1C1K-00-G
GasAlertMicro 5 Series docking module (charging)*****	DOCK2-0-1K-00-G
GasAlertMicro 5 Series docking module*****	DOCK2-0-1J-00-G

*Not compatible with ClO_2 or O_3

Accessories and Spares	Order Number
Heavy duty carrying case with wheels with space for 3 modules / 58 L gas cylinders	DOCK2-CC2
Hard-sided carrying case with space for 1 module and one 34 L gas cylinder	DOCK2-CC1
Multimedia card	DOCK2-MMC
USB memory card reader	CR-MMC-USB1
Network USB communication device	DOCK2-LAN-1P
Replacement battery C cell (each)	E1559
Demand flow regulator	REG-DF-1
Demand flow regulator for refillable cylinders, CGA connector	REG-DF-2
Demand flow regulator for disposable steel cylinders	REG-DF-3
Wall mount adaptor (kit of 2) for MicroDock II modules and base station	WMA-DOCK
12 V$_{DC}$ Vehicle adaptor cable for base station power	GA-V-CHRG4
Replacement power supply for charging modules	POWER-UPS-1

Calibration Gas Cylinder

Cal Gas Wall Mount
MK-CG2-58

Demand Flow Regulator
REG-DF-1 / REG-DF-2 / REG-DF-3

Network USB
DOCK2-LAN-1P

Vehicle Adaptor 12 V$_{DC}$
GA-V-CHRG4
Vehicle adaptor cable for base station power

Wall Mounts
WMA-DOCK
One kit (two mounts) required to mount each module or base station

Wear yellow. Work safe.