

MicroDock II

Automatic Test and Calibration Station



For BW Technologies by Honeywell brand portable gas detectors only




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.

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

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	 Ordinary Location approved IEC 61010 / C22.2 No. 61010 CE: European Conformity
Warranty	Full two year warranty

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Module Configuration	Order Number
Base station with GasAlertClip Extreme H ₂ S module and 2 inlets	DOCK2-2-1E-00-G
Base station with GasAlertClip Extreme CO module and 2 inlets	DOCK2-2-1G-00-G
Base station with GasAlertClip Extreme SO ₂ module and 2 inlets	DOCK2-2-1F-00-G
Base station with GasAlertClip Extreme O ₂ module and 2 inlets	DOCK2-2-1H-00-G
Base station with GasAlert Extreme module and 2 inlets*	DOCK2-2-1D-00-G
Base station with GasAlertMicroClip XT module (charging) with power supply and 2 inlets	DOCK2-2-1C1P-00-G
Base station with GasAlertMicroClip XT module (charging) with no power supply and 2 inlets	DOCK2-2-1P-00-G
Base station with GasAlertQuattro module (charging) with no power supply and 2 inlets	DOCK2-2-1N-00-G
Base station with GasAlertQuattro module (charging) with power supply and 2 inlets	DOCK2-2-1C1N-00-G
Base station with GasAlertMax XT II module (charging) with power supply and 2 inlets	DOCK2-2-1C1M-00-G
Base station with GasAlertMax XT II module (charging) with no power supply and 2 inlets	DOCK2-2-1M-00-G
Base station with GasAlertMicro 5 Series module (charging) with power supply and 2 inlets*	DOCK2-2-1C1K-00-G
Base station with GasAlertMicro 5 Series module (charging) with power supply and 3 inlets*	DOCK2-3-1C1K-00-G
Base station with GasAlertMicro 5 Series module (non-charging) with 2 inlets*	DOCK2-2-1J-00-G
Base station with GasAlertMicro 5 Series module (non-charging) with 3 inlets*	DOCK2-3-1J-00-G

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 ₂ S 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
GasAlertMicroClip XT docking module (charging with power supply)	DOCK2-0-1C1P-00-G
GasAlertMicroClip XT docking module (charging - no power supply)	DOCK2-0-1P-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
GasAlertMax XT II / GasAlertMax XT docking module (charging with power supply)	DOCK2-0-1C1M-00-G
GasAlertMax XT II / GasAlertMax XT docking module (charging - no power supply)	DOCK2-0-1M-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 ClO₂ or O₃.

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 Honeywell Analytics for a copy of the electronic order number configurator. One demand flow regulator must be ordered separately for each gas cylinder used with the system. Systems with one or more charging modules require one additional charging power supply (separate from the base station power supply).

MicroDock II (continued)

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MicroDock II Order Number Configurator

Base Station	
DOCK2	Base station (with power supply)
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
<p><i>Note: One Demand Flow Regulator must be ordered separately for each bottle of gas to be used with MicroDock II.</i></p>	
Docking Module Configuration	
Choose up to any 6 docking modules in any combination (e.g. "-1C1E2K3P-")	
Qty/Code	Description
1 C	Charging power supply (<i>required for any charging module(s) selected</i>)
__ D	GasAlert Extreme module(s)*
__ E	GasAlertClip Extreme H ₂ S module(s)
__ F	GasAlertClip Extreme SO ₂ module(s)
__ G	GasAlertClip Extreme CO module(s)
__ H	GasAlertClip Extreme O ₂ module(s)
__ J	GasAlertMicro 5 Series module(s) without charging*
__ K	GasAlertMicro 5 Series module(s) with charging*
__ M	GasAlertMax XT II module(s) with charging
__ N	GasAlertQuattro module(s) with charging
__ P	GasAlertMicroClip XT module(s) with charging
*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, waterproof heavy-duty case	
03	Kit with 1 DFR, no gas

DOCK2				9
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For example, the order number for a MicroDock II configured with base station, 2 inlets, 1 additional power supply for charging modules, 1 GasAlertClip Extreme H₂S module, 2 GasAlertMicro 5 Series charging modules, 3 GasAlertMicroClip XT modules and no portable kit option would be DOCK2-2-1C1E2K3P-00-G.

USA 1.888.749.8878
 Canada 1.800.663.4164
 Latin & South America +55.11.3309.1030

Europe +41 (0) 44.943.4300
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MicroDock II (continued)

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Accessories and Spares

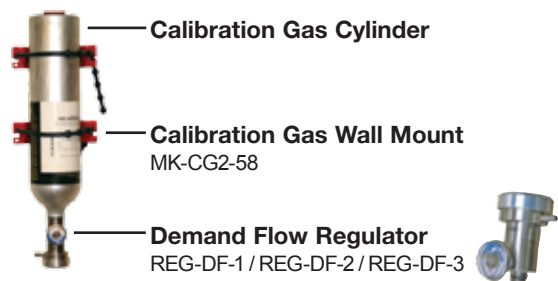
	Order Number
USB memory card reader	CR-MMC-USB1
Network USB communication device	DOCK2-LAN-1P
Demand flow regulator	REG-DF-1
Demand flow regulator for refillable cylinders, CGA connector	REG-DF-2
Demand flow regulator for disposable steel cylinders	REG-DF-3
Wall mount adaptor (kit of 2) modules and base station	WMA-DOCK
12 V _{DC} Vehicle adaptor cable for base station power	GA-V-CHRG4
Replacement power supply for charging modules	POWER-UPS-01

Service Parts

	Order Number
Heavy duty carrying case with wheels with space for three modules and three 58 L gas cylinders	DOCK2-CC2
Hard-sided carrying case with space for one module and one 34 L gas cylinder	DOCK2-CC1
Replacement diffusion cover adaptor	DOCK2-DA-1
Replacement GasAlertMicro 5 Series docking module lid assembly	DOCK2-M5LID
Replacement inlet filter	DOCK-IF-1
Replacement multimedia card	DOCK2-MMC
Replacement rubber grommet for GasAlertMax XT II docking module inlet slider	XT-RGD-10
Replacement rubber seal for GasAlertMax XT II docking module inlet slider	XT-RSD-10

Note: Please refer to the instrument's documentation (shipped with the product or available at www.gasmonitors.com) for complete instructions on common service procedures. Improper servicing or maintenance may affect warranty eligibility. Honeywell assumes no liability for damages resulting from improper servicing or maintenance.

Note: For calibration gas and regulators for this product, please see pages 86-89.



Calibration Gas Cylinder

Calibration Gas Wall Mount
MK-CG2-58

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

Hard Case Kit

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



Heavy Duty Case Kit

Use the configurator table on the left page to create a custom MicroDock II heavy duty case kit (gas sold separately)



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