

BW Clip

maintenance-free single-gas detector



The most life for the price. Have a two-year detector for H₂S or CO that you're not using? Hibernate it, and get the time back - for up to a year. Spread your detector's 24 months of operation over up to three years instead of the standard two. **Great for turnarounds, short-term projects or employee leave.**

WATER RESISTANT 

The most user-friendly, reliable and cost-effective way to ensure safety, compliance and productivity.

The BW Clip single-gas detector is your everyday companion for hazardous environments. It operates up to three years maintenance-free: Just turn on the device and it runs continuously — no need for calibration, sensor replacement, battery replacement or battery charging. That means great reliability and no downtime.

Plus, with the two-year BW Clip for H₂S or CO, you can put the device in a hibernation case when you're not using it for a week or more — and extend its life by that period of time.

Compatible with both the MicroDock II and the IntelliDoX instrument management systems, the BW Clip is engineered to the highest standards of quality and reliability, keeping you safe and compliant.

Easy gas identification with color coded labels and LCD indication:

H₂S

CO

O₂

SO₂



Easy To Wear



Easy to Read



Easy to See

Use our unique advanced technology for safety, compliance and productivity.

- **Surecell™**: unique dual reservoir sensor design dramatically improves instrument performance, response time, and longevity compared to traditional electrochemical sensors and consistently delivers reliable instrument performance under the harshest environmental conditions
- **Reflex Technology™**: advanced automated self-test function routinely checks the operating condition of the sensor to increase safety, up-time, and overall worker confidence
- **IntelliDoX**: instrument management system
 - The quickest bump test in the industry
 - Configuration of alarm set points and more
 - Performing different tests for up to five BW Clip detectors at once — for maximum productivity
 - Easy and accurate record-keeping

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Wear yellow. Work safe.

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BW Clip Standard Features:

- Maintenance-free: no sensor or battery changes necessary
- Compact, lightweight design with one-button operation
- Designed for a range of harsh environments and extreme temperatures
- Hibernation mode with case accessory or IntelliDoX
- Automated self-test of battery, sensor and electronics
- Wide-angle flash, which alerts simultaneously with audible and vibrating alarm
- Automatic logging of the 35 most recent gas events and bump test results
- Compatible with MicroDock II and Fleet Manager II software
- Affordable, with low cost of ownership



Configurable Options:

- Configuration of high and low alarm set points before the device is activated
- Adjustment of alarm set points and other parameters as needed throughout the lifespan
- Option to enable the noncompliance indicator, which flashes red when a bump test is due or a gas event occurs
- Option to display gas reading during alarm
- User settable bump test reminder
- Option to display the Real Time Clock

Options & Accessories



Hibernation Case



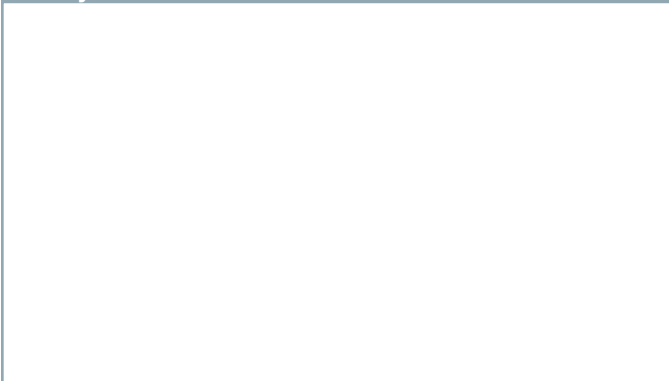
Hard Hat Clip




IntelliDoX

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

Locally available from...



BW Clip Specifications

Size	1.6 x 2.0 x 3.4 in. / 4.1 x 5.0 x 8.7 cm
Weight	3.2 oz. / 92 g
Temperature	H ₂ S: -40 to +122°F / -40 to +50°C CO: -22 to +122°F / -30 to +50°C O ₂ : -4 to +122°F / -20 to +50°C SO ₂ : -22 to +122°F / -30 to +50°C
Humidity	5% - 95% RH (non-condensing)
Alarms	Visual, vibrating, audible (95 dB) • Low, High
Tests	Activated detectors automatically perform one internal diagnostic test every 24 hours.
Typical battery life	Two years (H ₂ S, CO, O ₂ or SO ₂) or three years (H ₂ S or CO)
Event logging	35 most recent events
Ingress Protection	IP 66/67
Certifications and approvals	 : Class I, Div. 1, Gr. A, B, C, D Class I, Zone 0, Gr. IIC ATEX: CE 0539 II 1G Ex ia IIC T4 Ga IP66/67 DEMKO 14 ATEX 1356 IECEX: Ex ia IIC T4 Ga IP66/67 IECEX UL 14.0063 CE: European Conformity
Warranty	Two or three years from activation (given normal operation), plus one year shelf life (6 months for O ₂). Up to three years for two-year H ₂ S and CO detectors when used with the hibernation feature, limited to 24 months of detector operation.

Sensor Specifications

Gas	Measuring Range	Low Alarm Level	High Alarm Level
2 or 3 year detector			
H ₂ S	0 - 100 ppm	10 ppm	15 ppm
CO	0 - 300 ppm	35 ppm	200 ppm
2 year detector only			
O ₂	0 - 25.0 % by vol.	19.5 %	23.5 %
SO ₂	0 - 100 ppm	5 ppm	10 ppm

Alarm setpoints are user adjustable before and after activating the detector.

Set points shown are default values as shipped from the manufacturer. Additional default values are available.

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

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BW Clip (continued)

BW Clip 2-Year Detectors	Default Alarm Setpoints		Alarm Setpoints Range		Measuring Range	Order Number
	Low	High	Min.	Max.		
Hydrogen sulfide (H ₂ S)	10 ppm	15 ppm	1.6 ppm	20 ppm	0-100 ppm	BWC2-H
Hydrogen sulfide (H ₂ S)	5 ppm	10 ppm	1.6 ppm	20 ppm	0-100 ppm	BWC2-H510
Hydrogen sulfide (H ₂ S)	5 ppm	15 ppm	1.6 ppm	20 ppm	0-100 ppm	BWC2-H515
Carbon monoxide (CO)	35 ppm	200 ppm	5 ppm	200 ppm	0-300 ppm	BWC2-M
Carbon monoxide (CO)	50 ppm	200 ppm	5 ppm	200 ppm	0-300 ppm	BWC2-M50200
Sulfur dioxide (SO ₂)	5 ppm	10 ppm	2 ppm	20 ppm	0-100 ppm	BWC2-S
Sulfur dioxide (SO ₂)	2 ppm	4 ppm	2 ppm	20 ppm	0-100 ppm	BWC2-S24
Oxygen (O ₂)	19.5% vol.	23.5% vol.	18% vol.	25% vol.	0-25% vol.	BWC2-X
Hydrogen sulfide (H ₂ S) - 50-unit bulk pack	10 ppm	15 ppm	1.6 ppm	20 ppm	0-100 ppm	BWC2-H-B50

BW Clip 3-Year Detectors	Default Alarm Setpoints		Alarm Setpoints Range		Measuring Range	Order Number
	High	Low	Min.	Max.		
Hydrogen sulfide (H ₂ S)	10 ppm	15 ppm	1.6 ppm	20 ppm	0-100 ppm	BWC3-H
Carbon monoxide (CO)	35 ppm	200 ppm	5 ppm	200 ppm	0-300 ppm	BWC3-M

BW Clip Accessories	Order Number
Hibernation case for BW Clip	ClipHB-Case
Hibernation case for BW Clip (50-unit bulk package)	ClipHB-Case-B50
Hard hat clip (non-conductive)	GA-HC-1
Neck strap with safety release	GA-NS-1
Short strap (6 in. / 15.2 cm)	GA-LY-1



Hibernation case ClipHB-Case

Gain up to one extra year of operation on two-year H₂S and CO BW Clip detectors.



Short Strap GA-LY-1



Neck strap GA-NS-1



IntelliDoX, unmatched performance and customization.

The IntelliDoX instrument management system combines smart docking modules with Fleet Manager II software to provide automated instrument management, helping drive productivity, reliability and efficiency. Place the detector in the docking module, and it automatically tests the gas detector and sensors while transferring data to the docking station.

The IntelliDoX, via Fleet Manager II software, allows users to configure these settings for their BW Clip detectors:

- Display peak reading
- Time of peak reading
- Low alarm setpoint
- High alarm setpoint
- Real-time clock
- Display gas readings during alarm
- Bump test reminder
- Non-compliance indicator
- Manual zero sensor
- Activate hibernation

IntelliDoX Docking System

Order Number

IntelliDoX docking station for BW Clip	DX-CLIP
Enabler kit, NA version (North America)	DX-ENBL-NA

For a complete list of IntelliDoX parts, please refer to the IntelliDoX Docking System section on page 45.

Testing Equipment

Order Number

Hydrogen sulfide (H ₂ S, 25 ppm), balance N ₂ , 34 L	CG2-H-25-34
Hydrogen sulfide (H ₂ S, 25 ppm), balance N ₂ , 58 L (requires REG-DF-1 or REG-0.5)	G0042-H25
Carbon monoxide (CO, 100 ppm), 34 L, balance N ₂ (requires REG-DF-3 or REG2-0.5)	CG2-M-100-34
Carbon monoxide (CO, 100 ppm), 58 L, balance N ₂ (requires REG-DF-1 or REG-0.5)	CG2-M-100-58
Oxygen (O ₂ , 18.0%), 34 L, balance N ₂ (requires REG-DF-3 or REG2-0.5)	CG2-X-18.0-34
Sulfur dioxide (SO ₂ , 10 ppm), balance N ₂ , 34 L	CG2-S-10-34
Sulfur dioxide (SO ₂ , 10 ppm), balance N ₂ , 58 L	CG2-S-10-58
Quad-gas: CH ₄ (2.5%), O ₂ (18.0%), H ₂ S (25 ppm), CO (100 ppm), 34 L, balance N ₂ (requires REG-DF-1 or REG-0.5)	CG-Q34-4
Quad-gas: CH ₄ (2.5%), O ₂ (18.0%), H ₂ S (25 ppm), CO (100 ppm), 58 L, balance N ₂ (requires REG-DF-1 or REG-0.5)	CG-Q58-4
Demand flow regulator (for use with MicroDock II or IntelliDoX)	REG-DF-1
Calibration gas regulator (0.5 LPM)	REG-0.5
Calibration hose, Tygon (1 ft. / 0.3 m, 1/8 in. I.D., 1/4 in. O.D.)	C2-HOSE1-1
Wall mount (adjustable) for 34, 58, 103 L gas cylinders, red	MK-CG2-58