

BW Clip Single-Gas Detector

H₂S, CO, O₂, SO₂



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

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.

Standard Package Contents

- Detector complete with specified sensor, stainless steel alligator clip and concussion-proof housing
- Test cap
- Instructions

General Specifications

Size	1.1 x 2.0 x 3.4 in. / 2.8 x 5.0 x 8.6 cm
Weight	3.2 oz. / 92 g
Typical battery life	Two years (H ₂ S, CO, SO ₂ or O ₂) or three years (H ₂ S or CO)
Certifications and approvals	<p> Class I, Div. 1, Gr. A, B, C, D Class I, Zone 0, Group IIC</p> <p>ATEX: CE 0539 II 1G Ex ia IIC T4 Ga IP66/67 DEMKO 14 ATEX 1356</p> <p>CE: European Conformity</p> <p>EC: EC Declaration of Conformity</p> <p>IECEX: Ex ia IIC T4 Ga IP66/67 IECEX UL 14.0063</p>
Warranty	<p>Two or three years from activation (given normal operation), plus one year shelf life (6 months for O₂ model)</p> <p>Up to three years from activation for two-year H₂S and CO detectors when used with the hibernation feature, limited by 24 months of detector operation</p>

50115903-067

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

Available at: www.norrscope.com