



reddot winner 2020



THE COMPACT MULTI-GAS DETECTOR WITH AN ICON-BASED DISPLAY.

BW Icon, the next generation of multi-gas detectors, has an icon-based display so you can check gas levels and device status at a glance.

Thanks to these icons, users can make quick decisions without having to interpret the information shown on the screen. They are easy to understand:

-  Shows when alarm one is breached and gas highlighted next to sensor
-  Shows when alarm two is breached. Alarm two will over write any alarm one status
-  **TWA** Settable in Safety Suite DC for each toxic sensor
-  **STEL** Settable in Safety Suite DC for each toxic sensor
-  Shows when bump is due and you can configure to have a count down.
-  Shows when bump is due and you can configure to have a count down.
-  Shows battery status and when on charge will show charging status
-  All devices have Bluetooth - double click to enter menu for search mode

The entire range uses 1-Series sensor technology. These sensors are small and lightweight and respond within seconds to dangerous gas levels in the most extreme conditions.

Compatible with the IntelliDoX station, Safety Suite software, and TouchConnect via Bluetooth for wireless configuration.

BW ICON

Four-gas detector with a two-year service lifetime. Two standard configurations are available:

- CO/H₂S/O₂/IR LEL
- SO₂/H₂S/O₂/IR LEL

It combines the benefits of the fixed-life single-gas detector (BW Clip) with the new 1-Series sensor technology. Once you activate the device, you have maintenance-free protection for two years (no need to replace the sensors or the battery).

BW ICON+

Four-gas detector with a choice of five 1-Series sensors: LEL, O₂, H₂S, CO, SO₂.

This is a more flexible version that can be used for multiple applications because of its choice of sensors. The consumables are easily accessible so you can maximise the service lifetime of the detector.



TECHNICAL DATA

Size:

Alligator Clip: 4.29 x 2.44 x 1.7 in. / 108.2 x 61.5 x 43.2 mm
Klick Fast Stud: 4.29 x 2.44 x 1.49 in. / 108.2 x 61.5 x 37.8 mm

Weight:

6.5 oz (185 g) with Alligator Clip, 6 oz (169 g) with Klick Fast Stud

Temperature: -40°F to 140°F (-40°C to 60°C)

Humidity: 5% to 95% RH (non-condensing)

Protection Class: IP66/68

Alarms: Visual, vibrating, audible (95 dB) · Low, High, TWA, STEL, Negative Drift, Over Limit, Multi-alarms

Tests: Perform diagnostic of sensor, circuitry on activation; Activated detector automatically performs analog sensor diagnostic every 10 minutes, digital sensor diagnostic every second

Operating time: Two months (with NDIR CH₄ sensor)

Approvals: ATEX II 1G Ex ia I/IIC T4 Ga, IECEx

Warranty: Full two-year warranty (BW Icon)
Three-year warranty (BW Icon+) including all sensor and battery

SENSOR SPECIFICATIONS

Gas	Measuring Range	Resolution
CO	0-2,000 ppm	1 ppm
H ₂ S	0-200 ppm	1 ppm
SO ₂	0-150 ppm	0.1 ppm
O ₂	0-30.0% v/v	0.1% v/v
NDIR-CH ₄	0-100% LEL	1%LEL

SPECIFICATIONS:

- Battery runtime: two months (excluding alarm)
- Bluetooth activated
- Eight icons indicating gas levels and device status
- One-button operation
- Data and event logging
- Can be charged via USB
- IntelliFlash system (green: detector ready to use / amber: detector requires maintenance)
- Data logging over 50 days with data recorded every 15 seconds