

Honeywell BW™ Ultra Multi-Gas Detectors

The Honeywell BW™ Ultra is a portable five-gas detector designed for monitoring confined spaces and personal gas protection. The instrument features a large LCD with intuitive icons, quick response sensor technology, and offers Bluetooth (BLE) connectivity to configure instrument parameters with a mobile device. Select from multiple gas sensor configurations including LEL, O₂, H₂S, CO, VOC plus more specific toxic sensors are available.

FEATURES

- Extended battery - up to 18 hours of continuous operation on a single charge
- Strong pump – sample draw from 75 ft. (22.9m)
- Field serviceable and swappable sensors
- Large LCD display with real-time readings
- IntelliFlash™ visual light indicating the instrument is on and detecting
- Single button operation

KIT INCLUDES

- Honeywell BW Ultra Gas Meter
- Charging Adapter
- 3m PVC Tube
- Dust Porous Filter
- Screw Driver
- USB memory stick containing manual

ACCESSORIES

- SafetySuite App
- Calibration Gas & Demand Flow Regulator
- IntelliDoX docking system



Choose from a Honeywell signature-black housing or a high visibility yellow housing.

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.
 2650 East 40th Avenue • Denver, Colorado 80205
 (303) 320-4764 • FAX (303) 322-7242
 email: sales@geotechenv.com • website: www.geotechenv.com

SPECIFICATIONS

Technical Specifications

Size	5.8 x 3.3 x 1.6 in. / 14.8 x 8.5 x 4.0 cm
Weight	14.5 oz. / 411 g (with clip)
Operating Temp.	-4 to +131°F / -20 to +50°C
Humidity	5-95% RH (non-condensing) continuous
Ingress Protection	IP66/68
Alarms & Type	Visual, vibrating, audible (95 dB); Low, High, TWA, STEL, OL (over limit)
Self-Test	Activated detectors automatically perform one internal diagnostic test every 24 hours (sensors, battery, and circuitry).
Typical Battery Life	18 hours (14 hours with PID or IR sensor) @ -4°F / -20°C
Pump Draw	Sample from up to 75 ft. / 22.9 m
Connected Worker	<ul style="list-style-type: none"> • Bluetooth™ Low Energy (BLE) – Ability to connect to Honeywell’s Safety Communicator App • Honeywell TouchConnect™ – Easy ability to enter Bump or Calibration mode or change Set-Points
Event Logging	30 alarm events and 10 bump events
Data Logging	45 days based on 8 hour shifts every 15 seconds logging
User Options	<ul style="list-style-type: none"> • Adjust STEL period (5-15 minutes in 1 min. intervals) • Calibration span levels • Calibration interval • Bump test interval • Select combustible gases measurement: 0-100% LEL (Lower Explosive Limit) or Methane gas 0-5.0% v/v • Calibration due date (1 to 365 days, or set to zero for off) • Individual sensor enable/disable • Latching alarms • Stealth mode • Languages: English, French, German, Portuguese, Spanish, Simplified Chinese and Russian
Certifications & Approvals	Class I, Div 1, Group A, B, C, D Class I, Zone 0, Group IIC ATEX: II 1G Ex ia IIC T4 Ga IECEX: Ex ia IIC T4 Ga CE: European Conformity For additional certifications, please review the manual or consult Honeywell Analytics.
Warranty	Instrument: 3 years Sensors: 3 years (2 years NH ₃ , 1 year PID and Cl ₂) Battery: 2 years

Sensor Specifications

GASES	STANDARD MEASURING RANGE	RESOLUTION
Oxygen (O ₂)	0-25% vol.	0.1% vol.
Combustible Gases (LEL)	0-100% LEL	1% LEL
Combustible Gases (IR)*	0-5.00% vol.	0.01% vol.
Hydrogen Sulfide (H ₂ S)	0-100 ppm	1 ppm/0.1 ppm
Carbon Monoxide (CO)	0-2,000 ppm	1 ppm
Carbon Monoxide (LOW H ₂) (CO-H)	0-1,000 ppm	1 ppm
Sulfur Dioxide (SO ₂)	0-100 ppm	0.1 ppm
Hydrogen (H ₂)	0-2,000 ppm	5 ppm
Carbon Dioxide (CO ₂)	0-50,000 ppm	100 ppm
Ammonia (NH ₃)	0-100 ppm	1 ppm
Volatile Organic Compounds (VOC)**	0-1,000 ppm	1 ppm
Chlorine (Cl ₂)	0-20 ppm	0.1 ppm
Nitrogen Dioxide (NO ₂)	0-50 ppm	0.1 ppm
Hydrogen Cyanide (HCN)	0-100 ppm	0.1 ppm
Nitrogen Monoxide (NO)	0-200 ppm	1 ppm

Due to ongoing research and product improvement, specifications are subject to change without notice.

* **Caution** – the LEL IR combustible gas sensor option used in Honeywell BW™ Ultra cannot detect certain combustible gases including hydrogen and acetylene. The application should be reviewed to ensure the Honeywell BW™ Ultra can provide adequate detection. For more information, please contact Geotech Environmental Equipment (www.geotechenv.com).

** Please contact Geotech Environmental Equipment for availability.

CALL GEOTECH TODAY

(800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue
 Denver, Colorado 80205
 (303) 320-4764

FAX (303) 322-7242
 email: sales@geotechenv.com
 website: www.geotechenv.com