BW™ Flex personal air monitors are capable of detecting four gases simultaneously. The Flex Series features compact design with high-resolution display that clearly conveys vital safety information for quick decision making. The i-Series intelligent sensors monitor status and provide advanced predictive calibration, maintenance, and end-of-life information to the user.

FEATURES

- Bluetooth connectivity via Safety Suite Device Configurator App
- Low-powered LEL sensor
- Two month runtime on single charge
- IntelliFlash™ instrument health indicator
- Single button operation
- Choice of 12 different sensor types

APPLICATIONS

- Public Safety
- Confined Space
- Water & Waste Water
- Oil & Gas

Technical Specifications	
Size	08.2 mm x 61.5 mm x 43.2 mm (4.29 in. x 2.44 in. x1.7 in.) with Alligator Clip 108.2 mm x 61.5 mm x 37.8 mm (4.29 in. x 2.44 in. x 1.49 in.) with Klick Fast Stud
Weight	**With Catalytic LEL:** 189 g (6.7 oz.) with Alligator Clip, 173 g (6.1 oz.) with Klick Fast Stud **With IR LEL:** 186 g (6.6 oz.) with Alligator Clip, 170 g (6.0 oz.) with Klick Fast Stud
Working Temperature	-40℃ to 60℃ (-40°F to 140°F) and -20℃ to 60℃ (-4°F to 140°F) with Catalytic LEL sensor
Working Humidity	5% to 95%
Ingress Protection	IP66, IP68
Alarms & Type	Visual, vibrating, audible (95 dB); Low, High, TWA, STEL, Negative Drift, Over Limit, Multi-alarm, Low Battery
Self-Test	Perform diagnostic of sensor, circuitry on activation; Reflex™ test automatically performs analog sensor diagnostic every 10 minutes
Typical Battery Life*	40 days @ 8 hours of use per day with IR LEL 15 hours with Catalytic LEL (with NDIR CH4 sensor)
Connected Worker	Bluetooth® Low Energy (BLE) – Ability to connect to Honeywell's Safety Communicator App, Device Configurator App and Safety Suite Device Configurator Software
User Options	• Change High, Low, TWA and STEL alarm set points • Latching alarms • Set Calibration and/or bump test reminders • Assign worker and location assignments • Always on
Certifications & Approvals	ATEX, IEC Ex, contains FCCID, contains IC, CSA. Suitable for use in potentially explosive atmospheres found in industrial, marine, and mining applications. Contact Honeywell for the latest list of global approvals.
Device Warranty	Three-year warranty for sensors and detector.

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

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Sensor Specifications

Gas Type	LEL-IR	NDIR-CO$_2$	LEL-CB-F	LEL-CB-UF	O$_2$	H$_2$S	CO	CO-H	SO$_2$	NO	NO$_2$	HCN	CL$_2$
Identifier	W5	B1	W6	W7	X1	H1	M1	M3	S3	N3	D3	Z3	C3
Spare Sensor	SR-W5-1S	SR-B1-1S	SR-W6-1S	SR-W7-1S	SR-X1-1S	SR-H1-1S	SR-M1-1S	SR-M3-1S	SR-S3-1S	SR-N3-1S	SR-D3-1S	SR-Z3-1S	SR-C3-1S
Type	NDIR C1-C6 Hydrocarbons	NDIR CO$_2$	Cat. Bead Filtered	Cat. Bead Unfiltered	Pb free Electrochem.	Electrochemical							
Interface	Digital				Bias O$_2$ Pump	Inflow				Bias	Outflow	Inflow	Outflow
Operating Temperature	-4°F/140°F (-20°C/60°C)				-40°F/140°F (-40°C/60°C)			-4°F/122°F (-20°C/50°C)				14°F/122°F (-10°C/50°C)	-4°F/122°F (-20°C/50°C)
Recommended Operating Range	100% LEL	5% VOL (50000 ppm)	100% LEL		25% VOL	200 ppm	1000 ppm		20 ppm	100 ppm	20 ppm	50 ppm	20 ppm
Max. Over Range					30% VOL	500 ppm	2000 ppm		150 ppm	400 ppm	60 ppm	250 ppm	60 ppm
Resolution	1% LEL	0.1% VOL (100 ppm)	1% LEL		0.1% VOL	0.1 ppm	1 ppm		0.1 ppm			<0.3 ppm	0.1 ppm
Default Units of Measure	% LEL	% VOL	% LEL		% VOL	ppm							
Configurable Alarm Range	0 (disable) to 100% LEL	0 (disable) to 5% VOL	0 (disable) to 100% LEL		0 (disable) to 30% VOL	0 (disable) to 200 ppm	0 (disable) to 2000 ppm		0 (disable) to 150 ppm	0 (disable) to 400 ppm	0 (disable) to 60 ppm	0 (disable) to 250 ppm	0 (disable) to 60 ppm
Default Low Alarm	10% LEL	0.5% VOL (5000 ppm)	10% LEL		19.5% VOL	10 ppm	35 ppm		2 ppm	25 ppm	2 ppm	4.7 ppm	0.5 ppm
Default High Alarm	20% LEL	3.0% VOL (30,000 ppm)	20% LEL		23.5 % VOL	15 ppm	200ppm		5 ppm		5 ppm	10 ppm	1ppm
Default STEL	n/a		n/a				50 ppm		1 ppm				
Default TWA		0.5% VOL (5000 ppm)				10 ppm	35 ppm		0.5 ppm		TBC		0.5 ppm
Default Span Gas	50% LEL CH$_4$ (2.2/2.5% VOL)		50% LEL CH$_4$ (2.2/2.5% VOL)		18% VOL	25 ppm	100 ppm		20 ppm	50 ppm	10 ppm	15 ppm	10 ppm
Max. Calibration Interval	180 Days												
Expected Operating Life	3 to 5+ Years						2+Years	3 to 5+ Years	2 + Years			1 to 2 Years	

Caution – The infrared LEL sensor used in Honeywell BW™ Flex cannot detect hydrogen and acetylene. For applications involving these combustible gases, please specify the catalytic type LEL sensor.

*Depends on Alarm Duration

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