

Toxi Vision® EX

Single-Sensor Gas Detector



FOR THE DETECTION OF COMBUSTIBLE GAS

Biosystems' most rugged, dependable, easy-to-use, single sensor gas detector is now available for LEL. The Toxi Vision EX utilizes a poison resistant catalytic bead sensor which increases sensor longevity and lowers the cost of ownership. The Toxi Vision EX features a rugged, nickel-plated case that is impervious to any weather condition while also providing RFI

immunity. One-button operation keeps it simple, requiring only minutes of training to ensure proper operation by workers. Premium features like the black box data recorder and one button automatic calibration at an affordable price make the Toxi Vision EX an exceptional value when compared to lower-quality competitive detectors.

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Toxi Vision® EX Single-Sensor Gas Detector

Ruggedness – The satin nickel-plated case makes the Toxi Vision EX extremely durable. The Toxi Vision EX is also vacuum-tested to ensure water tightness and has a rating of IPX7 (Alkaline version only).

One-button Operation – The large, single button makes for easy access to all functions, even when wearing bulky gloves.

Calibration – An incredibly quick and easy one-button process.



RFI Protection – The special RFI shielding prevents operating interference from two-way radios and other electronic devices providing RFI immunity to 40 V/m. This allows proper operation in a wider range of environments.

Display Size – The display is among the largest in its class and can be seen easily from several feet away.

Black Box and Event Logger – A standard feature records 20 alarm events, including start time, end time, duration, peak and average of each event.

Technical Specifications

FEATURE	DESCRIPTION
Dimensions	3 1/2" (8.9cm) x 2 1/2" (6.4cm) x 1 1/4" (3.25cm).
Weight	Alkaline 7oz, NiMH 7.7oz.
Alarms	Factory-set alarm levels.
Audible Alarm	Loud warbling two-toned alarm rated at 92dBA @ 1 foot.
Visual Alarm	Bright red LED alarm light.
Backlight	Backlight activates with button and any alarm.
Optional Vibrator Alarm	For high noise environments.
Security Flash	Security beep in variable intervals is available. A blinking light ALWAYS means Attention Required. A 2x blinking alarm every 5 seconds means Needs Cal; continuously blinking means alarm.
Controls	One button operation, including calibration.
Housing	Satin nickel-plated, RFI resistant ABS with immunity to 40 V/m.
Clip	Built-in steel clip.
Battery Life	13-hours with alkaline, 15-hours with rechargeable.
Intrinsic Safety	UL Class I, Groups A, B, C, D Temp code T4. CSA and ATEX pending.
Ingress Protection	Meets IPX7 water standard (Alkaline version only). IPX5 for rechargeable version.
Display	Oversized Liquid Crystal Display.
Standard Accessories	Calibration adapter, hose and operator's guide.

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Toxi Vision EX Options*

OPTION	CODE	DESCRIPTION
Complete Kit	C	Complete Kit contains, standard accessories, standard size 103 liter calibration gas and fixed flow rate regulator, conveniently packaged in a rugged waterproof Pelican™ carrying case.
Value Pack	K	Value Pack kit contains, standard accessories, compact sized 34-liter calibration gas and fixed flow rate regulator packaged in a compact foam-lined carrying case.
Vibrating Alarm	V	Adds internal vibrating alarm, which works in tandem with the audible and visual alarm
Datalogging	D	Available with rechargeable version only.
Rubber Boot	B	Included Toxi Vision EX protective rubber boot.

*(Add option code letter to the part number and option price to the instrument price)

Ordering Information

PART NO	DESCRIPTION
54-37-80A	Toxi Vision EX with alkaline batteries
54-37-80N	Toxi Vision EX with rechargeable batteries

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