

ToxiPro[®], ToxiLtd[®] and Toxi3Ltd[™]

Single-Sensor Gas Detectors



**THE PRICE OF
PROTECTION
HAS NEVER
BEEN SO RIGHT**

You should never compromise on safety. Now you don't have to. ToxiPro[®], ToxiLtd[®] and Toxi3Ltd[™] from Biosystems provide more features at a lower cost than any other single gas detector on the market.

The ToxiPro is a fully serviceable, reusable gas detector with real-time, peak, STEL, and TWA readings, as well as a black box recorder. The ToxiPro is also available with a fully enabled datalogger and a clear housing to provide an enhanced visual alarm.

The ToxiLtd is a 2-year disposable gas detector. And the new Toxi3Ltd offers 3-years of maintenance-free monitoring of carbon monoxide or hydrogen sulfide. All have a large LCD display and a 20-incident event logger.

The ToxiPro, ToxiLtd and the Toxi3Ltd can be used with the IQ Express Dock for automatic bump testing, calibration, instrument performance testing and record keeping.

Sophisticated detection technology. The widest array of features. Easy to use, with a low cost of ownership.

biosystems[™]

No one makes it easier[®]

ToxiPro®, ToxiLtd® and Toxi3Ltd™ Single-Sensor Gas Detectors

TECHNICAL SPECIFICATIONS	TOXIPRO	TOXILTD	TOXI3LTD
Instrument Type	Replaceable battery and sensor.	2-year disposable.	3-year disposable.
Dimensions	8.4 x 5.5 x 2.9 cm (3.3" x 2.2" x 1.2" in).	8.4 x 5.5 x 2.9 cm (3.3" x 2.2" x 1.2" in).	8.4 x 5.5 x 2.9 cm (3.3" x 2.2" x 1.2" in).
Weight	110 g (3.9 oz).	105 g (3.8 oz).	105 g (3.8 oz).
Alarms	Two factory-set alarm levels, plus STEL and TWA. (Alarms can be changed with optional BioTrak software).	Two factory-set alarm levels.	Two factory-set alarm levels.
Audible Alarm	Loud warbling two-tone alarm rated at 92 dBA.	Loud warbling two-tone alarm rated at 92 dBA.	Loud warbling two-tone alarm rated at 92 dBA.
Visual Alarm	Dual, bright red LED.	Bright red LED.	Bright red LED.
Display Backlight	Activates with button, or alarm	N/A	N/A
Vibrating Alarm	Optional	Optional	Optional
Controls	One button operation, including calibration.	One button operation, including calibration.	One button operation, including calibration.
Clip	Alligator clip standard (belt clip or swivel swivel "cell phone" style also available).	Alligator clip standard (belt clip or "cell phone" style also available).	Alligator clip standard (belt clip or "cell phone" style also available).
Battery Life	Up to 9000 hrs.	2 years, including 7 day shut-down mode.	3 years, including 7 day shut-down mode.
Housing	Clear polycarbonate with thermal-swivel plastic elastic (TPE) overmold.	Clear polycarbonate with thermal-swivel plastic elastic (TPE) overmold.	Clear polycarbonate with thermal-plastic elastic (TPE) overmold.
Durability (IP Rating)	Meets IP65 / IP67 water and dust rating.	Meets IP65 / IP67 water and dust rating.	Meets IP65 / IP67 water and dust rating.
Intrinsic Safety	c-UL-us Classified for Class I, Division 1, Div 1, Group A,B,C,D T4; UL Classified for Class II, Div 1, Group E,F,G ATEX (DEMKO) EEx ia IIC T4 IECEx Ex ia IIC T4 CQST (China) Ex ia IIC T4	c-UL-us Classified for Class I, Division 1, Div 1, Group A,B,C,D T4; UL Classified for Class II, Div 1, Group E,F,G ATEX (DEMKO) EEx ia IIC T4 IECEx Ex ia IIC T4 CQST (China) Ex ia IIC T4	c-UL-us Classified for Class I, Division 1, Div 1, Group A,B,C,D T4; UL Classified for Class II, Div 1, Group E,F,G ATEX (DEMKO) EEx ia IIC T4 IECEx Ex ia IIC T4 CQST (China) Ex ia IIC T4
Event Logger	20 Events, includes start time, end time, duration, peak and average readings.	20 Events, includes start time, end time, duration, peak and average readings.	20 Events, includes start time, end time, duration, peak and average readings.
Datalogging	Approx. 120 hrs @ 1 min. interval (Interval can be changed with optional BioTrak software, IrDA required).	N/A	N/A
Readouts	Real-time, peak, STEL, TWA and time of day readings.	Time remaining (months and days), peak (24 hours) and real-time during alarm.	Time remaining (months and days), peak (24 hours) and real-time during alarm.
Standard Accessories	Calibration adapter, hose, operators guide and quick reference card.	Calibration adapter, hose, operators guide and quick reference card.	Calibration adapter, hose, operators guide and quick reference card.



ToxiPro/ToxiLtd/Toxi3Ltd Configurations

TOXIPRO PART NO.	TOXILTD PART NO.	TOXI3LTD PART NO.	DESCRIPTION
54-45-90	54-44-90	N/A	O ₂ – Oxygen
54-45-01	54-44-01	54-52-01	CO – Carbon monoxide
54-45-05	N/A	N/A	CO+ – CO and H ₂ S nonspecific
54-45-19	N/A	N/A	CO-H – CO Minus, reduced sensitivity to H ₂
54-45-02	54-44-02	54-52-02	H ₂ S – Hydrogen sulfide
54-45-03	54-44-03	N/A	SO ₂ – Sulfur dioxide
54-45-09	N/A	N/A	NO ₂ – Nitrogen dioxide
54-45-13	N/A	N/A	PH ₃ – Phosphine
54-45-18	N/A	N/A	Cl ₂ – Chlorine (specific)
54-45-20	N/A	N/A	ClO ₂ – Chlorine dioxide (specific)
54-45-21	N/A	N/A	NH ₃ – Ammonia

*To order ToxiPro Clear, add a "T" after the part number. To order a vibrating alarm, add a "V" after the part number.

Global Sales & Service

Certified AIR SAFETY
2233 NW 23rd AVE
Portland, OR 97210

TOLL FREE: 1.877.406.2109
Phone: 1.503.226.2109
Fax: 1.503.226.0988

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info@certifiedAIRSAFETY.com
www.certifiedAIRSAFETY.com

