

Toxi Ltd and Toxi Pro Single Sensor Gas Detectors

01JAN2006



Toxi Ltd and Toxi Pro Features

Design

- Compact & rugged
- IPX5/IPX7 rated protection against water ingress
- Over-molded boot
- One button operation
- Large display (backlit in Toxi Pro)
- Loud alarm
- Top & front mounted bright LED
- Available with built-in vibrating alarm

Logging & Download

- Automatic event logger (20 events, including sensor type, max, average, time and duration)
- IrDA[®] PC communication
- Toxi Pro comes standard with black-box recorder
- Toxi Pro available with datalogger

Batteries

- Toxi Ltd: Internal lithium - 2 years of operation
- Toxi Pro: Replaceable lithium - 9000 hrs of operation

Standard Accessories

- Heavy duty alligator clip
- Calibration adapter
- Reference manual and quick reference card

Sensors & Calibration

Toxi Ltd and Toxi Pro:
O₂, CO, CO+, H₂S, SO₂ (December 2003)

Toxi Pro:
CO-H, Cl₂, ClO₂, NH₃, NO₂, PH₃, HCN
One-button automatic calibration

Readout

Toxi Pro
Current, max, STEL
and TWA gas readings
Time

Toxi Ltd
Life remaining, current
gas readings during
alarm and 24-hour max.

Alarms

Toxi Pro
Low, high, STEL and
TWA audible and visual
alarms
Optional vibrating alarm

Toxi Ltd
Low and high audible
and visual alarms
Optional vibrating alarm

Optional Accessories

- Lanyard
- IQ Express bump test and calibration station
- Belt clip / hard hat adapter (standard slot)
- Cell phone style swivel clip

Complete Toxi Pro Kit Configuration

Value Pack

- All standard accessories
- Compact sized (34 liter) cylinder of calibration gas
- Fixed flow regulator
- Foam-lined carrying case



Page 1 of 2 © Biosystems 2006

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Configuration of Instruments, Kits and Accessories
are subject to change.



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Toxi Ltd and Toxi Pro Configuration Matrix

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Sensor Configuration	Toxi Ltd			Toxi Pro		
	Part Number	Instrument with accessories	Value Pack Add "K" to part number	Part Number	Instrument with accessories	Value Pack Add "K" to part number
O ₂ Oxygen	54-44-90	\$ 189.00	N/A	54-45-90	\$ 229.00	N/A
CO Carbon monoxide	54-44-01	\$ 199.00	\$ 349.00	54-45-01	\$ 239.00	\$ 389.00
CO+ "CO Plus",	N/A	N/A	N/A	54-45-05	\$ 239.00	\$ 389.00
CO-H "CO Minus H", reduced sensitivity to H ₂	N/A	N/A	N/A	54-45-19	\$ 299.00	\$ 449.00
H ₂ S Hydrogen sulfide	54-44-02	\$ 199.00	\$ 444.00	54-45-02	\$ 239.00	\$ 484.00
SO ₂ Sulfur dioxide	54-44-03	\$ 299.00	N/A	54-45-03	\$ 350.00	\$ 585.00
NH ₃ Ammonia	N/A	N/A	N/A	54-45-21	\$ 399.00	\$ 984.00
Cl ₂ Chlorine (specific)	N/A	N/A	N/A	54-45-18	\$ 375.00	\$ 750.00
ClO ₂ Chlorine dioxide (specific)	N/A	N/A	N/A	54-45-20	\$ 399.00	N/A
NO ₂ Nitrogen dioxide	N/A	N/A	N/A	54-45-09	\$ 375.00	\$ 750.00
HCN Hydrogen cyanide	N/A	N/A	N/A	54-45-10	\$ 375.00	N/A
PH ₃ Phosphine	N/A	N/A	N/A	54-45-13	\$ 375.00	\$ 750.00

For additional sensor data please see replacement sensor section or contact Biosystems

Toxi Ltd / Pro Options (Add option code letter to the part number and option price to the instrument price)

Option	Code	Price	Comments
Value Pack	K	See Matrix	Value Pack kits contain standard accessories, compact sized calibration gas, fixed flow rate regulator, and compact foam-lined carrying case.
Vibrating alarm	V	\$30.00	Adds an internal vibrating alarm, which will work in tandem with the audible and visual alarms.
Datalogging	D	\$60.00	Available for Toxi Pro only! Enables the Toxi Pro to record and download measurements and time history data. Computer must support IrDA to download. Software not included

Toxi Ltd and Toxi Pro Accessories

Part No.	Description	Price
54-46-101	Replacement sensor filter	\$ 1.50
35-964	Lanyard for Toxi Ltd and Toxi Pro	\$ 5.00
54-46-102	Replacement belt clip for Toxi Ltd and Toxi Pro	\$ 10.00
54-46-103	Replacement clothes clip for Toxi Ltd and Toxi Pro	\$ 10.00
54-46-109	Replacement cell phone-style swivel clip	\$ 15.00
54-46-104	Manual sample draw kit. Includes adapter, probe, and 10' tubing Not for use with Cl₂ and ClO₂	\$ 40.00
54-46-105	Case for Value Pack. Foam-lined case, with room for 1 compact sized calibration gas cylinder	\$ 40.00
54-46-106	Calibration / sample draw adapter	\$ 7.50
54-46-107	Calibration adapter. Includes FEP lined tubing for reactive gases (NH ₃ , Cl ₂ , ClO ₂ , HCN & NO ₂).	\$ 10.00
54-46-108	Toxi Pro datalogger upgrade. Software not included.	\$ 60.00
54-26-0603	Toxi Pro BioTrak Software Kit. . Computer must support IrDA to download.	\$ 200.00
54-46-9000	IQ Express Bump Test & Calibration Station for Toxi Pro and Toxi Ltd. Includes: IQ Express, 110V Power Supply, USB cable, Software, Manual, 2 feet of tubing with fitting. Demand flow regulator and calibration gas not included.	\$ 495.00

Toxi Pro Replacement Sensors

Part No.	Sensor Description	Range	Resolution	Price
54-47-90	O ₂ Oxygen (2 years)	0 – 30%/Vol.	0.1 %	\$ 125.00
54-47-01	CO Carbon monoxide	0 – 1000 PPM	1 PPM	\$ 175.00
54-47-05	CO+ Dual purpose CO / H ₂ S Provides a non-specific readout for CO & H ₂ S	CO: 0 – 1000 PPM H ₂ S: 0 – 200 PPM	1 PPM	\$ 175.00
54-47-19	CO-H CO Minus, reduced sensitivity to H ₂	0 – 1000 PPM	1 PPM	\$ 225.00
54-47-02	H ₂ S Hydrogen sulfide	0 – 200 PPM	1 PPM	\$ 175.00
54-47-03	SO ₂ Sulfur dioxide	0 – 20 PPM	0.1 PPM	\$ 250.00
54-47-21	NH ₃ Ammonia	0 – 100 PPM	1 PPM	\$ 330.00
54-47-18	Cl ₂ Chlorine (specific)	0 – 20 PPM	0.1 PPM	\$ 300.00
54-47-20	ClO ₂ Chlorine Dioxide (specific)	0 – 5 PPM	0.01 PPM	\$ 330.00
54-47-09	NO ₂ Nitrogen dioxide sensor	0 – 20 PPM	0.1 PPM	\$ 300.00
54-47-10	HCN Hydrogen cyanide sensor	0 – 100 PPM	0.1 PPM	\$ 300.00
54-47-13	PH ₃ Phosphine	0 – 10 PPM	0.01 PPM	\$ 300.00

