

PHD⁵ MULTI-GAS DETECTORS

FEATURES:

Design

- Rugged metal plated RFI-protected case
- One button operation
- Easy to read top mounted graphic display with automatic backlight
- Multiple languages

Optional slip-on pump

- Software controlled pump
- Powered by the Phd⁵ battery
- Automatic low flow alarm
- Automatic leak test before every use

Recording

- Black-Box recorder with over 100 hours of storage
- Available with optional datalogging for convenient and easy downloading to a computer
- Available with optional patented TouchID™ for automatic user and location identification

Smart sensors and calibration

- 4 sensors: O₂, LEL and up to three toxic channels using Biosystems' Duo-Tox two channel CO/H₂S sensor (see matrix for available sensors)
- Field replaceable sensors
- One button auto calibration
- Calibration due reminder
- Sensor span reserve indicators during calibration for predictive maintenance

Batteries

- Interchangeable alkaline and rechargeable (NiCad) batteries
- Up to 12 hours battery life in either configuration
- Drop-in fast charger / data dock
- Recharges in less than 2 hours

ITEM#	DESCRIPTION
BIO542430000	LEL / O ₂
BIO542430100	LEL / O ₂ CO
BIO542430200	LEL / O ₂ / H ₂ S
BIO542430300	LEL / O ₂ SO ₂



STANDARD ACCESSORIES:

- Hand aspirated sample draw kit with 10 feet of tubing, sample probe and replacement filters
- Leather cover with shoulder/neck strap
- Alkaline battery pack with 3 AA batteries
- NiCad configuration includes charger / data dock
- Belt clip
- Operators guide
- Laminated quick reference guide
- Interactive training CD-ROM
- Proper calibration adapter(s) based on sensor type(s)

TOXI SERIES OF SINGLE SENSOR GAS DETECTORS

FEATURES:

Design

- Compact & rugged
- One button operation
- Top mounted display, sensor and alarm light
- Available with built-in vibrating alarm

Recording

- Ultra series includes datalogger for convenient and easy downloading to a computer. (BioTrak software and download cradle sold separately.)

Sensors and calibration

- Field replaceable (See Toxi Series capability matrix for selection)
- One button auto calibration

Batteries

- Alkaline available in all versions
- Rechargeable (NiMH) available in Ex/Chek

STANDARD ACCESSORIES:

- Padded weather cover
- Belt clip
- Lanyard with alligator clip
- Calibration adapter
- Reference manual
- Quick reference card
- Comprehensive training video (Ultra series)



Contact your Fleck Representative for a complete list of accessories and replacement sensors.

TOXI SERIES DETECTOR CAPABILITIES

INSTRUMENT	NUMERIC READOUT	SENSORS	DATA-LOGGING
Toxi	During alarm condition	CO, H ₂ S	No
Toxi Plus	Yes	CO, CO+, H ₂ S, SO ₂	No
Toxi Ultra	Yes	CO, CO+, H ₂ S, SO ₂ , Cl ₂ , ClO ₂ , NH ₃ , NO, NO ₂ , HCN, PH ₃	Yes
Oxy Plus	Yes	O ₂	No
Ex/Chek	Yes	LEL	No