

MultiPro™

Confined Space Gas Detector



key features

DESIGN

- Compact and rugged.
- One button operation.
- Easy to read front mounted backlit display.
- Over-molded boot.
- Meets IPX5 standard.

OPTIONAL SLIP-ON PUMP

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

RECORDING

- Automatic event logger (20 events, including sensor type, max, average, time and duration).
- Black-Box recorder with over 40 hours of storage.
- Available with optional datalogging for convenient and easy downloading to a computer.

SMART SENSORS AND CALIBRATION

- Three sensors. O₂, LEL and up to two toxic channels using Biosystems' Duo-Tox two channel CO/H₂S sensor.
- User replaceable sensors.
- One button auto calibration.
- Calibration due reminder.
- Sensor span reserve indicators during calibration for predictive maintenance.

BATTERIES

- Interchangeable alkaline or rechargeable (Li-Ion) versions.
- Up to 22 hours run time depending on battery type.
- Drop-in charger.
- Recharge in less than 5 hours.

a world of protection in the palm of your hand

Biosystems introduces its smallest confined space detector — the MultiPro.™ It's packed with features and offered at a price you won't believe. Real time readings of up to four gases simultaneously, one button operation and calibration, easy-to-read LCD display, audible and visual alarms, event logger, IrDA port, optional sample draw pump, rugged, compact and

affordable — Biosystems' new MultiPro Confined Space Gas Detector does it all. And MultiPro can be configured for your needs. Three sensors and up to four channels let you monitor O₂, LEL, and either CO or H₂S, or using Biosystems' innovative Duo-Tox™ dual channel sensor, measure CO and H₂S simultaneously. Biosystems' Duo-Tox is actually two toxic gas sensors in a single sensor housing, giving you four channels of direct detection in the space of three — without cross interference.

Plus, MultiPro is built tough. Ruggedly constructed of an engineered polycarbonate with a rubber overmold, MultiPro goes where you go, and back. Interchangeable Alkaline (3 AA) and Li-Ion battery packs, an optional sample draw pump, and a range of accessories make MultiPro the most versatile and most affordable gas detector on the market today.

biosystems

No one makes it easier.®

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2233 NW 23rd Ave. • Portland, OR • 97210 • USA • Tel 503.226.0582 • 877.226.0582 • Fax 503.226.0988 • sales@certifiedairsafety.com • www.certifiedairsafety.com

MultiPro Confined Space Gas Detector



compatible with **IQ** docking station

Standard Accessories

- Operators guide
- Training CD-ROM
- Rechargeable Li-Ion version includes charger
- Clothes clip
- Laminated quick reference guide
- Calibration adapter

MultiPro Options

OPTION	CODE	COMMENTS
Alkaline Rechargeable	A N	MultiPro Alkaline & Li-Ion batteries are interchangeable. Li-Ion version includes charger. Li-Ion option is not available in Value Pack configurations.
Confined Space Kit (CSK)	C	Confined Space kits contain standard accessories, standard sized calibration gas and fixed flow rate regulator conveniently packaged in a rugged waterproof carrying case.
Value Pack	V	Value Pack kits contain standard accessories, compact sized calibration gas, fixed flow rate regulator, and foam-lined carrying case.
Datalogging	D	Enables the MultiPro to record and download measurements. This option is available as an upgrade after purchase. Download software must be purchased separately. Computer must support IrDA to download.

MultiPro Sensors

PART NO.	DESCRIPTION	RANGE	RESOLUTION
54-49-80	LEL – Combustible gas	0 – 100% LEL	1% LEL
54-49-90	O ₂ – Oxygen	0 – 30%/Vol.	0.1%
54-49-01	CO – Carbon monoxide	0 – 1000 PPM	1 PPM
54-49-02	H ₂ S – Hydrogen sulfide	0 – 200 PPM	1 PPM
54-49-14	Duo-Tox – Dual channel CO/H ₂ S <i>Provides substance specific readouts for CO and H₂S</i>	CO: 0 – 1000 PPM H ₂ S: 0 – 200 PPM	1 PPM 1 PPM
54-49-200	MultiPro Sensor Exchange Set – O ₂ , LEL, Duo-Tox***		
54-49-201	MultiPro Sensor Exchange Set – O ₂ , LEL, CO***		
54-49-201	MultiPro Sensor Exchange Set – O ₂ , LEL, H ₂ S***		

***This part number requires return of identical set of expired sensors.

MultiPro Remote Accessories

PART NO.	DESCRIPTION
54-49-102	Continuous sample pump for MultiPro. Includes 10' of sample tubing and sample probe assembly.
54-49-104	Sample draw/calibration adapter.
54-49-105	Sample draw kit. Includes adapter, squeeze bulb, 10' of tubing and sample probe assembly.
54-05-A0403	Sample probe assembly. Does not include tubing, squeeze bulb, or sample draw adapter.
54-05-A0405	Sample probe assembly with 11.5-inch stainless-steel probe tube. Does not include tubing, squeeze bulb, or sample draw / calibration adapter.

MultiPro Charging & Datalogging Accessories

PART NO.	DESCRIPTION
54-49-103-1	Slip-in charger (110 VAC) for MultiPro. Includes "wall cube" supply.
54-49-103-12	Slip-in charger (12 VDC) for MultiPro. Includes "cigarette lighter" style adapter, and vehicle mounting hardware).
54-49-106	MultiPro Alkaline battery pack.
54-49-107	MultiPro Li-Ion rechargeable battery pack.
54-26-0603	MultiPro BioTrak Software Kit. Includes BioTrak software and manual.
54-26-0605U	Infrared communication device (USB – IrDA) – Requires one available PC USB port.

Most Common MultiPro Detector Configurations

PART NO.	DESCRIPTION
54-48-100	LEL
54-48-200	O ₂
54-48-300	LEL / O ₂
54-48-301	LEL / O ₂ / CO
54-48-301	LEL / O ₂ / H ₂ S
54-48-314	LEL / O ₂ / Duo-Tox (CO/H ₂ S)

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