

Biosystems MultiPro Confined Space Gas Detector O2, Flammables, CO, H2S

Sperian introduces its smallest confined space detector

Key Features

- Easy-to-read, large, illuminated LCD display
- One-button operation and calibration
- Moulded Rubber Overboot
- Optional electric Sample Draw Pump
- Tough, Compact, Reliable, Affordable
- Data Logger for up to 20 types of events - sensor types, readings, maximums, minimums, averages, times and durations.
- Optional IQ express Automatic Docking Station saves calibration costs, saves gas costs, automates all record keeping, and verifies that the Gas detector is working to specification.
- Infra-red Data (IrDA) data transfer and calibration port



Overview

All Monitors include the following standard accessories: operators guide, training CD-ROM, rechargeable Li-Ion battery pack, charger, clothes clip, laminated quick-reference guide and a calibration adaptor.

The MultiPro IQ Express Automatic Docking Station automatically performs eight procedures including instrument identification, battery test, audible alarm test, visual alarm test, vibrating alarm test, fresh air calibration, bump test and record keeping. If the bump test fails, IQ Express automatically performs a full calibration without intervention.

Recommended Industries/Use

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| <ul style="list-style-type: none"> • Agriculture • Chemical • Construction • Concrete Tanks • Fire Protection • Food Services • Government • Forestry • Law Enforcement | <ul style="list-style-type: none"> • Manufacturing • Medical • Military • Mining • Municipal Services • Oil and Gas • Pharmaceutical • Power Companies • Silos | <ul style="list-style-type: none"> • Tankmakers • Tanks • Utilities • Water Authorities • Welding |
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Hazards

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| <ul style="list-style-type: none"> • Confined Space • Extreme Environment | <ul style="list-style-type: none"> • Explosion • Gas, Vapors, Smoke |
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Warranty Information

Instrument and Standard sensors: 2 years. Note: Consumable Oxygen sensor: 1 year

Biosystems MultiPro

Instrument Type	Confined space multi-gas detector; replaceable battery and sensors
Dimensions	11.4 x 6.8 x 4.3 cm
Weight	567g
Smart Sensors and Calibration	3 sensor capability. Select from O ₂ , LEL, CO, H ₂ S and Duo-Tox two channel CO/H ₂ S sensor. User replaceable sensors. One button auto calibration and auto zero. Calibration due and Bump reminder (selectable). Sensor span reserve indicators during calibration for predictive maintenance.
Sensor Types	Electrochemical x 3, Catalytic Bead x 1
Alarm Types	Two peak alarms, TWA and STEL for toxic channels
Audible Alarm	Two tone, loud audible alarm rated at 92 dBA
Visual Alarm	Bright-red LED alarm light
Vibrating Alarm	Included
Low Battery Alarm	Standard
Display	Displays readings of up to 4 gases simultaneously on a front-mounted, segment type, easy to read LCD
Display Backlight	Automatically activated during an alarm condition. The Backlight can be manually activated in dim light.
Readout	Real time readings of up to four gases simultaneously
Data Logger Recorder	Standard: Recorder with over 40 hours storage
Optional slip-on electric sample pump	Software controlled pump. Powered by the MultiPro battery. Automatic low flow alarm. Automatic leak test on startup.
Replaceable Battery	Interchangeable alkaline or rechargeable (Li-Ion) battery Up to 22 hours run time depending on battery type. Drop-in charger. Unit recharges in less than 5 hours.
Clip	Clothes / Belt Clip included
Standard Accessories Included	Operator's guide, Training CD-ROM, Rechargeable Li-Ion version includes charger, clothes clip, laminated quick reference guide, and calibration adaptor.
Safety Certifications	UL Class I, Division 1, Groups A, B, C, & D. Temperature Code T4• UL Class II, Division 1 Groups E, F, G• UL Class III• CSA Class I, Division I, Groups A, B, C, D Temp Code T4• ATEX Certification: II 2 G EEx ia d IIC T4, UL International DEMKO A/S 05 ATEX 0424116X• IECEx Certification: Ex ia d IIC T4, IECEx UL 07.0003X• Exceeds IEC 1000-4-3 for level 3 RFI immunity

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SKUs & Ordering Information

SKUs	Details
54-48-314NDY	O2, LEL, CO, H2S with Rechargeable Battery, Charger, Vibrating Alarm, and Datalogging

Additional Information

Manual and motorized sample draw kits available for remote sampling. Alkaline & Rechargeable batteries are interchangeable. The Rechargeable version includes the charger.

The Confined Space Kit (CSK) contains the following standard accessories:

Standard sized calibration gas and fixed flow rate regulator and hose is conveniently packaged in a foam-lined carrying case.

Download software must be purchased separately. Computer must support IrDA to download data.

Hazardous Materials

Calibration Gas Cylinders (Compressed Gas n.o.s.) UN1956

Additional Information

Local Agent:

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ALBURY NSW 2640

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