

MultiPro

Multigas detector



Most industries require an individual to be protected against potential hazards of oxygen deficiency, explosive atmospheres and exposure to toxic gases.

The **MultiPro** portable detectors measure simultaneously and continuously the atmospheric hazards most commonly encountered in industry and by fire departments:

- Oxygen deficiency or enrichment
- Dangerous levels of explosive gases or vapors
- Exposure to Carbon monoxide and or Hydrogen sulfide

Extra light, the MultiPro is equipped with a single button, which keeps it very simple to use. Moreover, the extra-large display allows perfect reading in all circumstances.

The small size and light weight of this instrument enable the users to work safely and at ease. The instrument is also available with an optional integrated vibrator for use in noisy environments.

Added to all these advantages, the **MultiPro** gas detector is also equipped with a 20 incident event logger and black box recorder, which automatically save the measurements data in memory. A fully enabled datalogger is also available.

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| <ul style="list-style-type: none">• <i>All day-to-day operation controlled through a single button</i>• <i>Available sensors : O₂, CO, H₂S, LEL</i>• <i>Small size and light weight</i>• <i>Extra-Large LCD display</i>• <i>Vibrator (in option)</i>• <i>Watertight, impact-resistant</i>• <i>Supplied with accessories</i> | <ul style="list-style-type: none">• <i>Up to 22 hrs</i>• <i>Max, STEL and TWA</i>• <i>20 incident event logger : includes sensor type, max and average readings, time and duration</i>• <i>Black box recorder with more than 40 hours of storage</i>• <i>Datalogging option</i>• <i>Certifications : CE, UL, ATEX</i> |
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TECHNICAL DATA SHEET

Instrument type :	Replaceable battery and sensor
Sensors :	O ₂ , CO, H ₂ S (electrochemical) % LEL combustible gases (catalytic bead combustible sensor)
Measurement :	Continuous
Battery:	Interchangeable alkaline (3 AA) or rechargeable (Lithium Ion) versions
Battery life :	22 hours in diffusion mode / 16 hours (with pump)
Display:	Easy to read front mounted backlit LCD display
Display Backlight:	Activates with Mode button
Dimensions (mm):	114x68x43
Weight:	210 g (Lithium-Ion version) / 280 g (Alkaline version)
Alarms:	Visual : Bright Red LED visible from front and sides Audible : Loud warbling two-tone alarm rated at 92 dBA Vibrator integrated (option)
Controls:	One button operation, including calibration
Housing:	Watertight, impact-resistant polycarbonate case with added protection of an over-molded rubber boot – RFI resistant
Durability (IP rating)	Meets IP65 standard.
Automatic events logger:	20 events, including sensor type, max, average, time and duration
Datalogging (optional) :	Standard black box recorder stores more than 40 hours of instrument readings and can be upgraded to a full datalogging instrument at any time for easy and convenient downloading to a PC.
Readouts:	Scroll through current gas readings, MAX, STEL, and TWA screens
Operating temperature :	-20°C to +40°C
IrDA port	Built-in IrDA port for easy communication a PC
Standard Accessories :	Calibration adapter, clothes clip, training CD-Rom, operators guide and quick reference card. Rechargeable Li-Ion version includes charger
Intrinsic Safety / Certifications:	CE: (DEMKO), c-UL-us: Class I, Division I, Group A, B, C, & D temp Code T4 hazardous locations. ATEX II2G

STANDARD KIT:

The MultiPro is supplied with the following accessories: Calibration adapter, clothes clip, training CD-Rom, operators guide and quick reference card. Rechargeable Lithium-Ion version includes charger.

ORDERING INFORMATION:

The MultiPro are available in Alkaline or Rechargeable version, with the following sensors::
MultiPro with LEL / O₂ sensors
MultiPro with LEL / O₂ / CO sensors
MultiPro with LEL / O₂ / H₂S sensors
MultiPro with LEL / O₂ / Duo-Tox (CO/H₂S) sensors
Datalogging and vibrating alarm are optional

REPLACEMENT SENSORS:

1965083	Carbon Monoxide sensor
1965084	Hydrogen Sulfide (H ₂ S)
1965082	Oxygen sensor
1965086	Combustible gas sensor
1965085	Duo-Tox- Dual channel (CO/H ₂ S)
1965087	MultiPro Sensor exchange set –O ₂ , LEL, Duo-Tox***
1965088	MultiPro Sensor exchange set –O ₂ , LEL, CO***
1965089	MultiPro Sensor exchange set –O ₂ , LEL, H ₂ S***

*** : This part-number requires return of identical set of expired sensors

ACCESSORIES:

1965090	Continuous sample pump for MultiPro. Includes 3 meters of sample tubing and sample probe assembly.
1965091	Sample draw/calibration adapter.
1965092	Sample draw kit. Includes adapter, squeeze bulb, 3 meter of tubing and sample probe assembly.
1955779	Sample probe assembly. Does not include tubing, squeeze bulb, or sample draw adapter.
1955775	Sample probe assembly with 30 cm stainless-steel probe tube. Does not include tubing, squeeze bulb, or sample draw/ calibration adapter.
1965093	Slip-in charger (220 V) for MultiPro- Includes “wall cube” supply. Continental EC Version
1967093	Slip-in charger (220 V) for MultiPro- Includes “wall cube” supply. British EC Version
1965094	Slip-in charger (12 VDC) for MultiPro. Includes “cigarette lighter” style adapter, and vehicle mounting hardware)
1965095	MultiPro Alkaline battery pack.
1965096	MultiPro Lithium-Ion rechargeable battery pack.
1955738	MultiPro BioTrak Software kit. Includes BioTrak software and manual.
1955739	Infrared communication device (USB-IrDA) – Requires one available PC USB port.



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