

# PORTABLE MULTI GAS MONITORING UNIT

## TYPE IMPACT PRO

FOR GAS DETECTION IN ENCLOSED SPACES



The Impact Pro portable multigas monitor is able to monitor and display up to four gases simultaneously. These include flammable, oxygen and two toxic gases. Impact Pro uses high specification sensors that are continually checked using patented Reflex\*technology to ensure safe, accurate and reliable measurements are always made. The Impact unit will cover both L.E.L and VOL range for HC measurement.



*Wheel marked approved*

- The system fulfils latest requirements from EC, IMO and all major classification societies' rules and regulations

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Impact Pro accepts disposable (OFCH) sensor cartridges which are pre-calibrated and can be replaced in under one minute so simplifying maintenance, reducing downtime and minimising cost wherever possible. Impact Pro is a compact and rugged detector designed for tough environments. Small, lightweight and unobtrusive it is ideal for use in confined spaces where entry and exit may be difficult. Impact Pro is designed to work how you want it to. Gas checks prior to entering a confined space can be carried out using a complete sample tube kit. Ultra-bright alarm lights and a powerful audible alarm coupled with a periodic green flash and bleep provide user confidence that monitoring is always in operation and alarms are never missed. For noisy environments a vibrating alarm is included as standard. In addition, Impact uses a large, multi-lingual, backlit display with intuitive menu system to ease use and minimise operator training.

#### Features:

- Catalytic hydrocarbon sensor with range 0 - 100 % L.E.L
- IR hydrocarbon sensor with range 0 - 100 % VOL.
- H<sub>2</sub>S sensor range 0-50 ppm.
- Oxygen sensor 0-25 % VOL.
- Vibrating alarm
- Rechargeable NiMH batteries
- Disposable dry cell battery holders
- Base station (combined charger and data interface)
- Power supply (mains)
- Flow hood
- Event/timed data-logging
- Multimedia CD c/w manual and PC configuration software
- PC link cable
- Quick start manual (multi-lingual)
- Belt clip
- Body harness
- Sampling hose 10 m (extendable)

#### Specifications:

Available to detect	: HC, O <sub>2</sub> , CO, H <sub>2</sub> S, SO <sub>2</sub> , Chlorine, N <sub>2</sub> , NH <sub>3</sub> , CO <sub>2</sub> .
Construction Impact	: Resistant plastic, anti-static to EN50014.
Dimensions	: 49mm x 84mm x 136mm (1.9" x 3.3" x 5.3")
Weight Maximum	: 520g including rechargeable battery/optional pump.
IP rating Instrument	: IP67 (NEMA 4 & 6).
Operating temp	: -20°C to +55°C (-4°F to +131°F).
Storage temperature	: Instrument -40°C to +80°C (-40°F to +176°F).
Alarms	: 3 levels of instantaneous alarm pr channel.
Battery performance	: Ni-MH rechargeable, operating life > 10 hours
Dry cell disposable	: > 17 hours. (Nominal reduction of 10% when used with pump).
Pump cap.	: Typical flow rate 0.3l/min. Automatic start/stop
Approvals	: Europe: Ex II 2G, EEx ia d IIC T4 (ATEX).

