



The **Impact Pro** is ideal for confined space entry and work in other environments requiring continuous monitoring of Oxygen, LEL, CO and H<sub>2</sub>S. All four readings are displayed simultaneously, and a variety of alarms keep the user informed. The Impact Pro is a compact, rugged unit packaged in an anti-static case.

**Features:**

- Simultaneous display of O<sub>2</sub>, LEL, CO and H<sub>2</sub>S
- Periodic watchdog beep notifies user that monitor is working properly
- Visual, audible and vibrating alarms
- User-friendly pre-entry check
- Anti-static, weatherproof housing for use in all environments
- Internal pump
- Data logging capability

**Typical Applications:**

- Confined space entry
- Oilfield safety
- Gas plants and refineries
- Chemical and petrochemical plants
- Construction and utilities

**Specifications:**

| Parameter                           | Range      | Repeatability |
|-------------------------------------|------------|---------------|
| Oxygen (O <sub>2</sub> )            | 0-25% vol  | ± 0.3% vol    |
| Flammable gas                       | 0-100% LEL | ± 3% LEL      |
| Carbon monoxide (CO)                | 0-500 ppm  | ± 12.5 ppm    |
| Hydrogen sulfide (H <sub>2</sub> S) | 0-50 ppm   | ± 2.5 ppm     |

|                      |   |
|----------------------|---|
| Power                | : nickel metal hydride battery, rechargeable<br>: dry cell disposable |
| Operating Life       | : 10-12 hours   |
| Construction         | : impact-resistant plastic, anti-static to EN50014                    |
| Operating Conditions | : Temperature -20°C to +55°C<br>: Relative humidity 20-90%            |
| Approvals            | : UL / CSA Ex ia Class 1,<br>Division 1, Group A,B,C,D                |
| Sample pump          | : 0.5 l /min over 20m, w/4mm ID tubing                                |

|            |   |
|------------|---|
| Dimensions | : 4.9 cm x 8.4 cm x 13.6 cm<br>: (1.9" x 3.3" x 5.3") |
| Weight     | : 520 g (18 oz.)                                      |

**Alarms:**

|           |  |
|-----------|--|
| Audible   | : periodic watchdog beep<br>: dual-tone alarms for fault, gas alarm and warning<br>: 85 dB @ 1 m (90dB @ 1 ft) |
| Visual    | : green confidence flash<br>: rapid red flashing for fault, gas alarm and warning                              |
| Vibrating | : included   |

**UL / CSA Approved  
Class 1, Division 1, Groups A,B,C,D**



**Accessories**

|                 |   |                 |  |
|-----------------|---|-----------------|--|
| <b>Standard</b> | - belt clip<br>- body harness & clip<br>- flow adapter with hose<br>- dry cell disposable battery | <b>Optional</b> | - PC link cable<br>- Safelink software |
|-----------------|---|-----------------|--|