



## **PS200** Series

Part of the **Personal Surveyor** range

Colored "rubber boot"  
for multi-site or  
multi-application working  
(7 colors available)



- Simple 1-button operation
- Any combination of (LEL/O2/CO/H2S)
- Audible, visual and vibrating alarms
- Fully certified
- Internal pump (optional)
- Lightweight
- Sensor integrity checking
- Robust construction
- Ease of maintenance

### **Auto Bump & Calibration Station**

- Simple user interface
- Full bump, calibration and charging options
- Bump/calibration results storage
- Stand-alone, PC or ethernet options
- Robust construction



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# PS200 Series

The PS200 Series detects all possible combinations of LEL, O2, CO, H2S, including single gas detection. In addition to displaying all gas readings simultaneously, the user can also initiate a manual bump test anytime.

The PS200 accessory pack includes the following as standard: USB Charging/Comms Cable, Universal Power Plug, User CDROM, Quick Operating Instructions. Tubing (3m) complete with a Quick Connector is also supplied as standard with pumped instruments.

## FEATURES



## TECHNICAL SPECIFICATIONS

<b>Size:</b>	4.8" x 2.3" x 1.3" (121 x 59 x 32mm)
<b>Weight:</b>	8oz (230g) with pump 7.6oz (215g) without pump
<b>Temp:</b>	-4°F to 122°F (-20°C to +50°C)
<b>Humidity:</b>	0 to 95% R.H non-condensing
<b>Alarms:</b>	Highly visible flashing LED, piercing >90dB audible
<b>Display:</b>	Green and red LCD backlight display
<b>Datalogging:</b>	Timed: 24 hours of timed logs at 1 log per minute Session: Minimum of 180 logs Calibration: Minimum of 8 calibration logs Bump Logs: Minimum of 180 logs
<b>Battery:</b>	Lithium Ion rechargeable battery Run Time > 14 hrs (diffusion) Charging Time < 4 hrs
<b>Enclosure:</b>	High impact rubberized polycarbonate case
<b>Drop test:</b>	10ft (3m)
<b>IP Rating:</b>	IP67 (Dust-tight and waterproof to 1m)
<b>Response Time (T<sub>90</sub>):</b>	LEL = 10 secs (IEC 60079-29-1) O2 = 10 secs (BSEN 50 104) CO = 25 secs H2S = 35 secs
<b>Approvals:</b>	IEC Ex ia d IIC T4 Gb ATEX Ex II 2 G Ex ia d IIC T4 CSA Class 1 Div 1 Groups A,B,C,D, T4 Class 1, Zone 1 EX ia d IIC T4 MED (0038/YY) - Module B & E CE 0518
<b>Warranty:</b>	2 years as standard



Red display in alarm conditions



Configurable calibration options



Configurable bump options