

H₂S Element

The Element series of monitors has been designed to detect part per billion (ppb) of toxic gases.

The first in the series is our H₂S Element.



Odour Control Stacks

Process Ductwork

Boundaries

[0 - 90ppb] [0 - 500ppb] [0 - 1,000ppb] [0 - 1,500ppb]



A New Way
Gas Detection and Electrical Services

H₂S Element

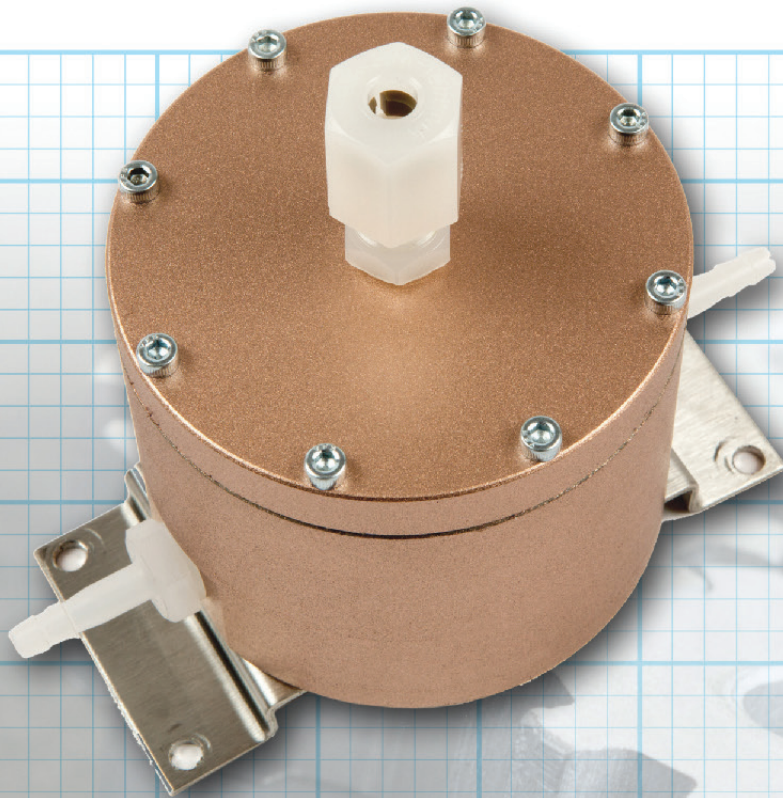


- Electrochemical cell sensor technology
- Accurate to +/- 5% based on test gas fill tolerance
- Unique electronic noise interference elimination
- Continuous measurement every second
- EMC compliant to EN 61326-1 for immunity and emissions
- Compliant to the Low Voltage Directive 2006/95/EC
- Designed for operation within our sampling systems which use HSE approved safe engineering practices to enable monitoring of zone 1 and zone 2 gas streams



H₂S Element

Figure 1



The wheels of technology
continue to turn...

- Used in conjunction with our specialist bespoke sampling and conditioning systems the monitor provides accurate continuous readings of H₂S with a 1 ppb resolution (0 – 90 ppb range) and a lower detectable level of 10 ppb
- Pre-set ranges of 0 – 90 ppb; 0 – 500 ppb and 0 – 1,500 ppb user selectable on site
- Digital display indicating gas reading, range and pump flow rate
- Automatic flow adjustment of internal pump maintaining optimum flow rate and eliminating operator adjustment
- Onboard digital outputs for Alarm 1, Alarm 2 and Fault, user selectable
- Analogue 4 – 20mA output
- 110 or 240V versions
- Flow failure digital output
- Unique swap out sensor enclosure (see figure 1)



A New Way Gas Detection and Electrical Services

H₂S Element

PM Group has an outstanding reputation for quality and engineering excellence. We are now implementing a forward thinking operational strategy. Electrical Services is the first to join our gas detection knowledge as we look to expand our skills offering a complete range of services from one group - A New Way.

Pollution Monitors Gas Detection



Systems Design & Build



Installation



Service & Maintenance

Pollmon Electrical Services



Installation



Certifications



Inspection

Our clients



Pollution Monitors
Unit G3, The Mayford Centre
Mayford Green,
Woking,
Surrey GU22 0PP

T +44 (0)1483 755957
F +44 (0)1483 751824
www.pollutionmonitors.co.uk

PollMon Electrical Services
Unit G3, The Mayford Centre
Mayford Green,
Woking,
Surrey GU22 0PP

T +44 (0)1483 901046
F +44 (0)1483 751824
www.pollmon.com