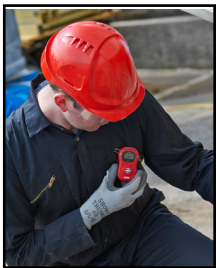




PROTEGE ZM™ Zero Maintenance Single Gas Monitor



Scott Safety announces the introduction of the Protégé ZM Single Gas Monitor—an easy-to-use, zero-maintenance gas detection solution that delivers high performance in a small, ergonomically designed package.

Two Years of Service, Hassle Free

With one-button activation, adjustable alarm settings and an easy-to-read display the Protégé ZM is simple to use. Just turn it on for the first time, and the monitor does the rest. Using the default settings from the factory there is no need to set up or program the monitor.

Once activated, the Protégé ZM monitor does not require charging or calibration so these monitors can be deployed in the field 24 hours a day, every day for two years, maintenance and hassle free. The H₂S and CO models include a hibernate feature which allows you to extend your battery life up to one additional year.

Big Performance in a Small Package

Because of its small size and strong, stainless steel alligator clip, the Protégé ZM can be conveniently placed where you want it. The monitor is small, lightweight (76.5g), ergonomically designed and meets IP67 requirements for ingress protection. The unique Protégé profile fits your hand nicely, making the monitor comfortable to hold. It's so lightweight and small you will forget you're wearing it while it protects you.

Gases analysed



“The Hibernation feature allows you to extend your battery life up to 1 additional year”

KEY FEATURES

- Use hibernate mode on the CO and H₂S models for up to one year additional operating life
- User configurable bump and calibration reminders
- Multiple LCD display options including real-time gas readings, monitor life remaining or both
- Three point alarms (audible, visual and tactile)
- Name or assign monitors using a six-character user ID
- LCD with gas reading or time remaining

Technical Specification

PHYSICAL CHARACTERISTICS

- Size: 9.40cm H x 5.60cm W x 3.30cm D
- Weight: 76.5g
- Operation: One-hand operation
- Carrying Attachments: Stainless Steel Alligator Clip
- Case Material: Impact-absorbant Rubber Overmold
- Environmental Protection: IP 66/67 (Third-party Certified)

USER INTERFACE

- Display Info: Time Remaining (Default) or Gas Reading (Optional) or Both (Optional), Gas Type, Functional Test Validation, Bump Test Due Indicator, Battery Level

MONITORING

- Gas Types: CO, H₂S, O₂
- Hibernation Mode Supported: CO, H₂S
- Sensor Ranges: CO: 1-300 PPM, H₂S: 1-100 PPM, O₂: 1.0-30.0% Volume

POWER

- Power Source: Lithium Ion battery
- Battery Life Indication: Yes
- Battery Life: 2 Years, Hibernate Mode extends life up to one additional year on CO and H₂S models

ALARMS

- Visual Alarm: Yes - Red LED
- Audible Alarm: Yes - 95db
- Vibrating Alarm: Yes
- Alarm Set Points: Pre-programmed default settings; Customised factory settings available; Configure use settings via software and the IR Connect or Test Station accessories

DATA STORAGE

- Data Logging: Logs last 25 events
- Data Retention: Yes - backup to PC
- Data Transmission: Infrared

CERTIFICATIONS

- EMC Compliance: CE Marked; EMC\EM\RFI Compliant
- Explosive Atmospheres: ETL/cETL certification to UL 913 7th, CSA C22.2 No. 157 for use in Class I Division 1 & 2, Groups A, B, C and D hazardous areas; IECEx Ex ia IIC T4 Ga; ATEX Directive (94/9/EC) ATEX II 1 G Ex ia IIC T4 Ga
- Approvals: CE Mark includes both ATEX & EMC testing
- Approved Temperature: Ranges -30°C to 50°C (CO) -40°C to 50°C (H₂S)

ENVIRONMENT

- Humidity: 5 - 95% RH non-condensing

PART NO. DESCRIPTION

PROTÉGÉ ZM GAS MONITORS

| | |
|---------|--|
| 2025938 | Protégé ZM Single Gas CO Monitor |
| 2025937 | Protégé ZM Single Gas H ₂ S Monitor |
| 2025939 | Protégé ZM Single Gas O ₂ Monitor |

PROTÉGÉ ZM GAS TEST STATIONS

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|---------|------------------------------------|
| 2025941 | Portable Test Station |
| 2025942 | Protégé ZM Stationary Test Station |

PROTÉGÉ ZM ACCESSORIES

| | |
|---------|--------------------------------------|
| 2025940 | Protégé IR Connect with USB Cable |
| 2025958 | Protégé IR Connect Spare USB Cable |
| 2025957 | Protégé ZM Alligator Clip |
| 2025956 | Protégé ZM Calibration Cup |
| 2019127 | H ₂ S Single Gas Cylinder |
| 2026296 | CO Single Gas Cylinder |
| 2026297 | O ₂ Single Gas Cylinder |
| 2019125 | Regulator 2AL/AL/6D 0.5LPM |
| 2024511 | 10-ft. Clear Tubing |
| TBD | 10-ft. Polyethylene Tubing |

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