PROTÉGÉ SG

REUSABLE SINGLE GAS MONITOR

The Protégé SG is a reusable single gas monitor that can be configured to detect 13 gases which provides maximum flexibility to deal with unknown gas hazards. With interchangeable smart sensors, including both low power IR and electrochemical options, the Protégé SG offers maximum versatility in a reusable solution.

MAXIMUM FLEXIBILITY:

The plug-and-play swappable smart sensors allow a single monitor to detect several different toxic and combustible gases, supporting multiple applications. Users can change sensors on the go and the monitor will automatically recognise the sensor type and update the gas label on the display. The versatility of the SG allows users to efficiently manage their time. No programming is required when switching sensors.

EASY TO USE:

With one-button activation, adjustable alarm settings and an easy-to-read, multi-language display, the Protégé SG is intuitive and user-friendly. Turn it on, and the monitor does the rest. With data logging of up to 5,000 events and a customisable LCD display capable of displaying real-time gas readings, the Protégé SG is packed with features and functionality, but requires minimal training. The Protégé SG is highly versatile and allows the user to configure the monitor based on their application or specific company requirements.

DURABLE AND RELIABLE:

The Protégé SG has an ingress protection rating of IP66/67. Using a lithium-ion replaceable battery provides service life of 1.5 to 2 years for toxic sensors and 1.5 to 2 months for low power LEL. The sturdy case can withstand the rigors of most industrial environments and is reliable in operating temperatures of -20°C to +50. The Protégé SG performs self-diagnostics at start-up giving users confidence to focus on the job. Turn it on and forget about it.

SENSORS:

Sensor options: LEL, H_2S, CO, O_2, O_3, HCN, NO, NO_2, PH_3, SO_2, NH_3, CL_2 and CLO_2.

ACCESSORIES:

MASTERDOCK II
Bump and Calibration Station

IR COMMUNICATION CONNECTOR

PGD APPLICATION SOFTWARE

SCOTT SAFETY

TECHNICAL SPECIFICATIONS	
Size	115mm H x 58mm W x 27mm D
Weight	150g
Environmental Protection	IP 66/67
Temperature Range	-20°C to 50°C
Smart Sensors	Yes
Filter Replacement	Yes
Replaceable Battery	Yes
Screen Languages Supported	English, French, Spanish, Portuguese, Italian, German, Dutch, Swedish and Finnish.
Alarms	Visual, audible, vibration
Sensor Types	LEL Infra-Red, HCN, H_2S, CO, O_2, O_3, NO, NO_2, PH_3, SO_2, NH_3, CL_2, CLO_2.
Battery Type	Lithium-ion
Battery Life	1.5 to 2 years. (1.5 to 2 months for LEL)
Latching Alarms	Latching alarms are supported (user configurable)
Irda	Yes
Event Logging	Yes
Approved Temperature Ranges	-20°C to 50°C for continuous, long term use
Warranty	3 years for monitor assembly excluding sensors and battery. Sensors: 2 years for O_2, H_2S, CO, SO_2, LEL 1 year for CL_2, CLO_2, HCN, NO, NO_2, NH_3, O_3, PH_3 Warranty commences date of shipment from Scott Safety.

FACTOR DEFAULT ALARM SETPOINT	
SENSOR TYPES	RANGE
O2	0 to 30%
H2S (Standard)	0 to 500 ppm
H2S (High Resolution)	0 to 100 ppm
CO (Standard)	0 to 1000 ppm
CO (Hydrogen Resistant)	0 to 2000 ppm
HCN	0 to 100 ppm
O3	0 to 3 ppm
NO	0 to 350 ppm
NO2	0 to 100 ppm
PH3	0 to 20 ppm
SO2	0 to 150 ppm
NH3	0 to 300 ppm
Cl2	O to 50 ppm
ClO2	0 to 5 ppm
LEL CH4	0 to 100% LEL