

PROTÉGÉ

PORTABLE MULTI-GAS MONITOR



MONITOR DURABILITY. ADVANCED ELECTROSTATIC RESISTANCE. PROTÉGÉ MULTI-GAS MONITOR. HANDHELD CONFIDENCE.



- **TRI-ALARM SYSTEM SUITABLE FOR ALL ENVIRONMENTS.**

The Protégé multi-gas monitor uses a Tri-Alarm warning system. The Protégé provides warning in hazardous conditions through dual bright red LED visual alarm, piercing 90dB (@15cm) audible alarm and vibrating alarm for noisy and harsh environments.

- **GLOVE TESTED AND EASY TO HANDLE.**

The Protégé multi-gas monitor is simple to use and incredibly durable, giving users the confidence to focus on the task at hand. The glove-tested Protégé has a simple two-button operation which makes calibration and basic operation simple. Its robust construction survives drops while being dust-tight and immersion-resistant. With its hourglass shape and small size (213 grams), the Protégé fits comfortably in the palm of your hand.

- **LONG LASTING RUN TIME.**

The Protégé has a Lithium Ion Battery Pack which provides 18 hour run time without a pump (diffusion mode) and a 12 hour run time with a pump. The Protégé pump operates from the power source of the monitor which allows for simple remote sampling.

- **MUST HAVE ACCESSORIES.**

The Protégé is compatible with several "must have" accessories. These accessories provide multi-monitor charging, remote sampling, automated bump test and calibration.

- The Multi-charger enables users to charge up to six Protégé gas monitors simultaneously.
- The Pump Kit comes with a parasitic sample draw pump, 30cm probe with dust and water filter and 3m Tygon sample tube. The Pump can operate from a maximum distance of 30m.
- The Masterdock is an automated calibration and bump test station. This unit uses 103L, 58L or 34L cylinders and is battery or AC powered. With the Masterdock, calibration is a one-touch operation, facilitating easy maintenance.



Heart beat "on" visual display confirming monitor is on

Attachable by a stainless steel alligator clip



Records STEL/TWA alarms, calibrations and gas values with date and time stamps

Continuous readout of gas concentrations

Audible, visible and tactile alarms

Lightweight: only 213g

Downloadable data log for up to 7,000 events

Glove-tested one-hand operation

Automatic zero calibration

Automatic span calibration

IP67 rated

ACTUAL SIZE

KEY FEATURES

- Provides warning in hazardous conditions via dual bright red LED visual alarm, piercing 90dB (@15cm) audible alarms and a vibrating alarm for noisy and harsh environments
- Lithium-ion battery pack provides 18 hour run time without a pump and 12 hour with a pump
- Curved design for one-hand, one-touch operation
- Bright display window for easy viewing
- Automatic zero-calibration and easy bump test.

CD-based configuration software, quick user guide, owner's manual and interactive user training.

PROTÉGÉ SOFTWARE ENABLES CUSTOM CONFIGURATIONS

- Alarm set points
- Backlight timer
- Calibration due dates
- No push-button navigation
- No unauthorised changes
- Log archiving in simple Excel' format
- For Windows 2000, XP, Vista, Windows 7 (32-bit).

"MUST HAVE" ACCESSORIES

- AC power adapter
- 12 Volt car charger
- Optional slip-on pump with: 30cm probe, 3m tubing
- Protégé Multi-Charger
- Protégé Masterdock.

ACCESSORIES



PICTURED WITH OPTIONAL SLIP-ON PUMP AND 30CM PROBE



PROTÉGÉ MULTI-CHARGER



PROTÉGÉ MASTERDOCK



Scott Safety, a business unit of Tyco International, is a premier manufacturer of innovative respiratory and other personal protective equipment and safety devices for industrial workers, fire and rescue services, police, military and civil defence organisations around the world. The Scott Safety product lines include self-contained breathing apparatus, supplied air and air-purifying respirators, gas detection instruments, thermal imaging cameras, air compressors, accountability systems, head, eye, hearing and face protection.

SPECIFICATIONS AND ORDERING INFORMATION

Product Specifications

Dimensions

8.3cm H x 7cm W x 3cm D

Weight

213g

Housing

ABS/rubber over mould

Calibration

Automatic calibration and zero

Sensors

CO: 0 to 999 ppm

H₂S: 0 to 500 ppm

O₂: 0-25%

Combustible: 0-80% LEL

Battery

Lithium ion rechargeable

Approximate five-hour charge time

Battery life (no pump): 18 hours

Battery life (with pump): 12 hours

Alarms

Audible: 90 dB at 15cm

Visual: Wide-angle dual red alarm bars

Tactile: Vibration

Operating Temperature

-20°C to 50°C

Operating Humidity

0%-95% RH

EMI/RFI

2004/108/EC

ANZ C-Tick Compliant

Approvals:

IEC: Ex d ia IIC T4

UL: 913 7th Edition Class 1, Div 1 Groups A, B, C, D T4,

CSA: Class 1, Div 1 Groups A, B, C, D T4,

ATEX: Ex d ia IIC T4,

IP 67 Rated: 3rd-party tested for compliance,

EMC: EMC Directive (2004/108/EC) CE Mark

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Protégé Multi-Gas Monitor Kits

Includes gas monitor, charger, torx tool, manual, CD with PC software, USB cable and calibration adapter. LEL configured with methane.

Part Number	Description
PRO-112212	O ₂ /LEL/CO/H ₂ S Gas Monitor Kit
PRO-212212	O ₂ /LEL/CO Gas Monitor Kit
PRO-312212	O ₂ /LEL/H ₂ S Gas Monitor Kit
PRO-412212	O ₂ /LEL Gas Monitor Kit
PRO-512212	LEL Gas Monitor Kit
PRO-612212	O ₂ Gas Monitor Kit
PRO-712212	CO Gas Monitor Kit
PRO-812212	H ₂ S Gas Monitor Kit

Confined Space Kits

Includes all the items above, plus pump, probe, tubing and calibration kit in a foam lined carrying case (Configured with Methane).

Part Number	Description
PRO-111111	O ₂ /LEL/CO/H ₂ S Confined Space Kit

Protégé Multi-Gas Monitor Accessories

Part Number	Description
093-0526	Masterlock—automated bump test and calibration station, AC or battery powered. (Utilises 103L 6D or 58L 8AL or 34L 2AL cylinder.)
096-3271	Pump Kit (Pump, Probe, Tubing)
096-3283-4	Six Unit Multi-Charger
0770018	0.5LPM Regulator for 103L 6D, 58L 8AL or 34L 2AL cylinders
003327	58L Calibration/Bump Test Gas CO/H ₂ S/LEL/O ₂ (Methane)
0770351	34L Calibration/Bump Test Gas CO/H ₂ S/LEL/O ₂ (Methane)