

SCOUT® MULTIGAS MONITOR

PERSONAL PROTECTION IN HAND



SCOTT
HEALTH & SAFETY

SCOUT® MULTIGAS MONITOR

DETECTS VOCS (PID), NH₃, CO, HCN, H₂S, NO₂, NO, O₂, PH₃

Detecting and analyzing an unseen threat can prevent serious injury. But doing it instantly and "on the fly" can save lives. The Scott Scout Multigas Portable Monitor is designed to reliably sense the presence and levels of harmful gases, clearly display the information, and let you do your job safely and efficiently. Monitor up to five atmospheric hazards simultaneously including oxygen concentration, combustible gases, VOC's and a wide selection from nine electrochemical toxic sensors.

The Scout is a rugged multigas monitor providing advanced warning of a atmospheric hazard. The easy-to-read automatic backlit LCD provides gas concentration to the operator for all gases monitored. In alarm condition the piercing audible alarm, oscillating bright red flashing alarm lights, and flashing gas concentration are automatically activated.

Infrared Technology for Carbon Dioxide (CO₂)

An optional plug in IR sensor uses Non-Dispersive Infrared (NDIR) technology. The Scout equipped with the CO₂ sensor is ideal for use in bottling plants, breweries, wineries, food processing, and for industrial applications where CO₂ can be potentially dangerous. With the modular Scout design, you can order the Scott Scout with the CO₂ sensor installed at the factory or simply plug the CO₂ sensor into an existing Scout (software version 4.5.1 or higher).

*One button tool free
battery release.*

*IR Communications makes
record keeping a breeze.*

*Shutter transforms instrument
to a remote sampling instrument.*

*Large, easy-to-read
backlit display.*



SO₂, CO₂ AND COMBUSTIBLES

You've Got the Power

The Scout delivers the longest run time of any multigas monitor in the world. With its advanced battery management technology, three standard "C" size alkaline batteries are all you need to power up for 50 hours or more (more than 3 times that of many other competitive models). Lithium ion batteries provide the added convenience and advantage of fast, wireless recharging. With wireless recharging, there are no plugs to corrode or openings for water to penetrate. The Scout's sensor "end-of-life" indicator gives you the power to predict sensor failure and the opportunity to replace the sensor before you're out on the job. A useless, dead instrument will never surprise you and your crew. With Scout, you get the power of certainty and the power of performance.

The Genius of Intellishutter

The Power of Choice – Scott's innovative Intellishutter adds another dimension to ensuring fast, safe response. By simply pushing a button, you activate Scout's Intellishutter feature, turning on the pump. This switches Scout from free-air (ambient) mode to remote "sample draw" mode. This instant mode change requires no tools or programming, and allows you to sample and determine potential dangers when conducting air sampling remotely in confined spaces.

It's a Volatile Organic Compounds (VOC) Monitor

An optional plug-in PID sensor adds a whole new dimension to the Scout's detection capability. With plug-in PID sensor technology, the Scout gives you an extra edge in determining atmospheric hazards. Scout's PID sensor can be activated for use at the same time as its other sensors. This allows simultaneous detection of toxins, combustibles, and VOC's. The Scout's PID feature can also be independently turned off to extend battery/sensor life. Reliable and dependable with the ability to operate in "sample draw" or "diffusion mode" along with superior performance in high humidity environments makes Scout the most versatile monitoring instrument.



Modular hot-swappable alkaline and lithium long life battery packs.

Quick connect for remote sampling tube.

Ultra bright LED alarms are visible from multiple angles.

Large buttons for gloved hand operation.



DATALOGGED EQUIPPED SCOUTS ARE COMPATIBLE WITH AUTO-CALIBRATION DOCKING SYSTEM.

The Auto-Calibration Docking System has been specifically designed to provide Scout owners a way to streamline their record keeping and instrument maintenance and keep in control of their safety program – all while reducing costs. The Auto-Calibration Docking System calibrates up to five Scouts at a time and super-streamlines calibration down to minutes. Datalogged equipped Scouts also provide record keeping of all calibrations along with record keeping of events.

SPECIFICATIONS

Standard equipment includes:

- Leather holster with belt clip and shoulder strap
 - Quick reference card
 - Owners manual
 - Datalogger
- Scouts with pump also include 10 foot sample tubing, 12 inch sample probe with hydrophobic and particulate filters.
- Scouts with the rechargeable Lithium-ion battery include the wireless charger.
- If ordered as a Confined Space Kit (CSK), Scouts include standard equipment along with foam lined carry case, calibration gas(es) and calibration tubing and regulator.

Scout® Most Common Configuration Ordering Guide

Part Number	Black Scout
096-2561-50	Oxygen, Combustible sensors, Alkaline Battery
096-2561-51	Oxygen, Combustible sensors, Alkaline Battery, CSK
096-2561-52	Oxygen, Combustible sensors, Alkaline Battery, Automatic Pump
096-2561-53	Oxygen, Combustible sensors, Alkaline Battery, Automatic Pump, CSK
096-2561-58	Oxygen, Carbon Monoxide, Hydrogen Sulfide, Combustible sensors, Alkaline battery
096-2561-59	Oxygen, Carbon Monoxide, Hydrogen Sulfide, Combustible sensors, Alkaline battery, CSK
096-2561-60	Oxygen, Carbon Monoxide, Hydrogen Sulfide, Combustible sensors, Alkaline battery, Automatic Pump
096-2561-61	Oxygen, Carbon Monoxide, Hydrogen Sulfide, Combustible sensors, Alkaline battery, Automatic Pump, CSK
Part Number	Nickel Plated Scout (Equipped with PID)
096-2561-66	Oxygen, Carbon Monoxide, Hydrogen Sulfide, Combustible, 10.6 PID sensors, Alkaline battery
096-2561-67	Oxygen, Carbon Monoxide, Hydrogen Sulfide, Combustible, 10.6 PID sensors, Alkaline battery, CSK
096-2561-68	Oxygen, Carbon Monoxide, Hydrogen Sulfide, Combustible, 10.6 PID sensors, Alkaline battery, Automatic Pump
096-2561-69	Oxygen, Carbon Monoxide, Hydrogen Sulfide, Combustible, 10.6 PID sensors, Alkaline battery, Automatic Pump, CSK
096-2561-70	Oxygen, Carbon Monoxide, Hydrogen Sulfide, Combustible, 10.6 PID sensors, Lithium Battery
096-2561-71	Oxygen, Carbon Monoxide, Hydrogen Sulfide, Combustible, 10.6 PID sensors, Lithium Battery, CSK
096-2561-72	Oxygen, Carbon Monoxide, Hydrogen Sulfide, Combustible, 10.6 PID sensors, Lithium Battery, Automatic Pump
096-2561-73	Oxygen, Carbon Monoxide, Hydrogen Sulfide, Combustible, 10.6 PID sensors, Lithium Battery, Automatic Pump, CSK

Case Material	Black or Nickel Plated (see chart)
Dimensions (L x H x W)	7 1/2" x 2 5/8" x 4" 19 cm x 6.6 cm x 10 cm
Weight	27.2 oz (.77 kg) Alkaline version with batteries
Power Source Options	3 C-Cell Battery Pack or interchangeable Li-Ion Cell Battery Pack
Instrument Temperature Range	-4°F to 122°F -20°C to 50°C
Instrument Humidity Range	0 to 99% RH non-condensing
Battery Life Populated with O ₂ , CO, HS ₂ , LEL sensors 50 hours without pump. Populated with PID sensor (only)	35 Hours with pump, 150 Hours (no pump)
APPROVALS:	I.S. Approved Class 1, Division 1, Groups A, B, C, & D EEX ia d IICT3 EN50014, 50018, 50020 ATEX, ULc, CSAus
ATEX	
UL	
SP[®] US	
Pump Typical Flow Rate Max Hose Length	500 cc/min 100 ft with 1/8" ID Tubing
Sensor Gas Range Ammonia Sensor (NH ₃) Carbon Monoxide Sensor (CO) Hydrogen Cyanide Sensor (HCN) Hydrogen Sulfide Sensor (H ₂ S) Nitrogen Dioxide Sensor (NO ₂) Nitric Oxide Sensor (NO) Oxygen Sensor (O ₂) Phosphine Sensor (PH ₃) Sulfur Dioxide Sensor (SO ₂) Value 2 CO & H ₂ S Sensor PID Sensor 10.6eV Combustible Sensor	PPM or % volume 0-200ppm 0-1500ppm 0-100ppm 0-500ppm 0-150ppm 0-999ppm 0-25% 0-20ppm 0-100ppm (CO) 0-999/(H ₂ S) 0-500ppm 0-3000ppm 0-5000 ppm /100% LEL/ 100% v/v 0.00%-5%
Carbon Dioxide (CO ₂)*	
Warranty Electronics & Housing Sensors O ₂ CO, H ₂ S, Combustible, Value 2 CO & H ₂ S Sensor All others	Lifetime 36 months 24 months 12 months

* Call factory for availability

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