SPECIFICATIONS

SCOUT® MULTIGAS MONITOR

PERSONAL PROTECTION IN HAND

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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 gases and calibration tubing and regulators.

Case Material
- Black or Nickel Plated

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 rechargeable Lithium Call Battery Pack

Instrument Temperature Range
- -4° to 122°F
- -20°C to 50°C

Instrument Humidity Range
- 0 to 99% RH non-condensing

Battery Life
- Populated with O₂, CO, HS₂, LEL sensors: 35 Hours with pump, 50 hours without pump.
- Populated with PID sensor (only): 150 Hours (no pump)

APPROVALS:
- I.S. Approved
- Class I, Division 1, Groups A, B, C, & D
- Ex ia d IICT3EN50014, 50018, 50020
- ATEX
- ULc, CSAus

Pump
- Typical Flow Rate: 500 cc/min
- Max Hose Length: 100 ft with 1/8" ID Tubing

Sensor
- Gas Range: PPM or % volume
- Ammonia Sensor (NH₃): 0-200ppm
- Carbon Monoxide Sensor (CO): 0-1500ppm
- Hydrogen Cyanide Sensor (HCN): 0-100ppm
- Hydrogen Sulfide Sensor (H₂S): 0-500ppm
- Nitrogen Dioxide Sensor (NO₂): 0-150ppm
- Nitric Oxide Sensor (NO): 0-999ppm
- Oxygen Sensor (O₂): 0-25%
- Phosphine Sensor (PH₃): 0-20ppm
- Sulfur Dioxide Sensor (SO₂): 0-100ppm
- Value 2 CO & H₂S Sensor (CO): 0-999/(H₂S) 0-500ppm
- PID Sensor: 10.6eV 0-3000ppm
- Combustible Sensor: 0-5000 ppm /100% LEL/ 100% v/v
- Carbon Dioxide (CO₂)*

Warranty
- Electronics & Housing: Lifetime
- Sensors: 36 months
- Leather holster: 24 months
- Nickel Plated: 12 months

* Call factory for availability

Scout® Most Common Configuration Ordering Guide

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tr>
<td>096-2561-50</td>
<td>Oxygen, Combustible sensors, Alkaline Battery</td>
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<td>096-2561-51</td>
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SCOUT® MULTIGAS MONITOR

DETECTS VOCS (PID), NH₃, CO, HCN, H₂S, NO₂, NO, O₂, PH₃, SO₂, CO₂ AND COMBUSTIBLES

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 atmospheric hazard and provide advanced warning before serious injury can occur.

The Scout is a rugged multigas monitor providing advanced warning of a dangerous atmosphere. The easy-to-read self-diagnostic LCD displays gas concentrations 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).

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, these advanced “Auto-Intelligent” features are all you need to power up the Scout on-site in remote, time-consuming, battery-intensive environments. The Scout's radio provides an advantage of fast wireless technology. With wireless technology, there are no plugs to connect or openings for water to penetrate. The Scout's sensor “indefinable” indicator gives you the power to predict sensor failure and the opportunity to replace the sensor before you’re out in the job. Acción, real 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 Scott’s Intellishutter feature, turning on the power. This switches Scout from battery power mode to remote “sample draw” mode. This instant mode change requires no tools or programming, and allows you to sample and determine potential danger when conducting an environmental analysis 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 the power to detect and analyze VOCs in the atmosphere. Scout's PID sensor can be activated for use at the same time as its other sensors. This allows simultaneous detection of toxic, combustible, and VOCs. The Scout's PID function can also be independently turned on and off. The Scout's PID alarm is indicated by a yellow LED alarm, and allows you to sample and determine the presence of volatile organics in air.

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.

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Large, easy-to-read backlit display.

One button tool free battery release.

IR Communications make record keeping a breeze.

Shutter transforms instrument to a remote sampling instrument.

Quick connect for remote sampling tube.

Ultra bright LED alarms are visible from multiple angles.

Large buttons for gloved hand operation.
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 atmosphere, 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 an 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, osculating 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 Scout equipped with the CO2 sensor at the factory or simply plug the CO2 sensor into an existing Scout (software version 4.5.1 or higher).

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, these insulated SCOT® (stay alike) features are all you need to power up to 30 hours in nonalarm time that is longer than most other "on the fly" monitors. This allows you to take full advantage of fast, wireless technology. With wake-up recharging, there are no plugs to connect or openings for water to penetrate. The Scout's sensor "readable" indicator gives you the power to predict sensor failure and the opportunity to replace the sensor before it's out in the job. A second 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 Scout delivers a whole new dimension to air sampling, by simply pressing a button, you activate the Scout's Intellishutter feature, thus enabling you to sample and determine potential dangers when conducting air sampling remotely in confined spaces.

It's a Volatile Organic Compound (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 the advantages of fast batteries. The Scout's PID sensor can be calibrated for use at the same time as its offset sensors. This allows simultaneous detection of toxic, combustible, and VOC's. The Scout's PID system can also be independently turned on and off for testing and calibration. The system is reliable and dependable with flexibility to operate in "sample draw" or "diffusion modes" along with superior performance in high humidity environments makes Scout the most versatile monitoring instrument.

SCOUT® MULTIGAS MONITOR
DETECTS VOCs (PID), NH3, CO, HCN, H2S, NOx, O2, PH3, SO2 AND COMBUSTIBLES

DATALOGGED EQUIPPED SCOUTS ARE COMPATIBLE WITH AUTO-CALIBRATION DOCKING SYSTEM
The Auto-Calibration Docking System has been specifically designed and patented to streamline your calibration and instrument maintenance and help in control of your safety program — all while reducing costs. The Auto-Calibration Docking System calibrates up to five Scout at a time and super-recharges, calibrates down to minutes. Datalogged equipped Scouts also provide record-keeping of all calibrations along with record-keeping of events.
**SCOUT® MULTIGAS MONITOR**

**PERSONAL PROTECTION IN HAND**

**SPECIFICATIONS**

**Case Material**
- Black or Nickel Plated (see chart)

**Dimensions (L x H x W)**
- 7 1/2” x 2 1/8” x 4”
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**Weight**
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- -4°F to 122°F
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- 0 to 99% RH
- non-condensing

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- Populated with O₂, CO, HS₂, LEL sensors:
  - 35 Hours with pump
  - 50 hours without pump
- Populated with PID sensor (only)
  - 150 Hours (no pump)

**APPROVALS:**
- I.S. Approved
  - Class 1, Division 1, Groups A, B, C, & D
- Ex ia d IICT3
- EN50014, 50018, 50020
- ATEX, ULc, CSAus

**Pump**
- Typical Flow Rate
  - 500 cc/min
- Max Hose Length
  - 100 ft with 1/8” ID Tubing

**Sensor**
- Gas Range
  - PPM or % volume
  - Ammonia Sensor (NH₃) 0-200 ppm
  - Carbon Monoxide Sensor (CO) 0-1500 ppm
  - Hydrogen Cyanide Sensor (HCN) 0-100 ppm
  - Hydrogen Sulfide Sensor (H₂S) 0-500 ppm
  - Nitrogen Dioxide Sensor (NO₂) 0-150 ppm
  - Nitric Oxide Sensor (NO) 0-999 ppm
  - Oxygen Sensor (O₂) 0-25%
  - Phosphine Sensor (PH₃) 0-20 ppm
  - Sulfur Dioxide Sensor (SO₂) 0-100 ppm
  - Value 2 CO & H₂S Sensor 0-999 ppm (H₂S) 0-500 ppm
  - PID Sensor 10.6eV 0-3000 ppm
  - Combustible Sensor 0-5000 ppm / 100% LEL / 100% v/v
- Carbon Dioxide (CO₂)* 0.00% - 5%

**Warranty**
- Electronics & Housing
  - Lifetime
- Sensors
  - O₂, 36 months
  - CO, H₂S, Combustible, Value 2 CO & H₂S Sensor
  - 24 months
- All others
  - 12 months

* Call factory for availability

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**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.
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