

SCOUT

PORTABLE MULTI-GAS MONITOR



tyco / **SCOTT**
HEALTH & SAFETY



SCOUT

NEXT GENERATION GAS MONITORING

Versatile design and innovative micro modular technology have created 'Scout' the next generation in Portable Multi Gas Monitors.

Scout delivers advanced features with accuracy and reliability, redefining current standards on downtime and usage from a single battery charge.

Scout's extensive features and ease of use ensure an advantage at all levels of operation, from simple go or no-go applications to sophisticated PC linked data logging and system management procedures.

With confidence in Scout's proven durability, extended runtime and ease of maintenance, Scott offers a lifetime instrument warranty on housing and electronics.

Rugged ABS magnum casing

Intellishutter – checks integrity of sample line

Quickly removed battery pack

Smart plug-and-play sensors

Large and clear LCD display

Easy to operate navigation buttons





AT A GLANCE . . .

- Advanced Battery Management
- 70 Hours Run Time
- Flexible Configuration
- Simple Operation and Maintenance
- Smart Interchangeable Sensors
- PID Available for VOC Measurement
- Sampling Made Easy
- Easy Interchange
- Rapid Battery Re-charge
- Smart Communications
- Durable, Robust Monitor

SCOUT'S VOC'S MONITORING CAPABILITIES INTERNAL SOFTWARE LIBRARY

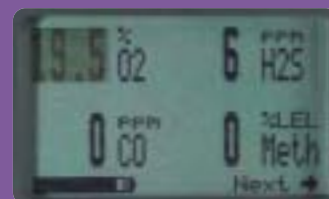
Acetaldehyde	Ethyl acetate	Methyl methacrylate
Acetone	Ethyl acetoacetate	Methyl tert butyl ether
Acetophenone	Ethyl benzene	Octane
Allyl alcohol	Ethylene(ethene)	Pentanone 2
Ammonia	Ethylene glycol	Phenol
Amyl acetate	Ethylene oxide	Phenyl ethyl alcohol
Benzene	Heptane	Phosphine
Bromo methane(methyl bromide)	Hexane n-	Picoline
Butadiene	Hydrazine	Propyl alcohol (propanol)
Butane diol	Hydrogen sulphide	Propylene
Butanone (MEK)	Hydroxy methyl pentanone	Propylene oxide
Butoxy ethanol/butyl cellosolve	Iso amyl acetate	Pyridine
Butyl acetate	Iso butanol	Quinoline
Butyl alcohol n-	Iso butylene	Styrene monomer
Chloro benzene	Iso octane	Tertiary butyl alcohol
Cumene	Iso phorone	Tertiary butyl amine
Cyclohexane	Iso propanol (IPA)	Tertiary butyl mercaptan
Cyclohexanone	Iso propyl amine	Tetra hydrofuran
Decane	Iso propyl ether	Thiophene
Dibromo ethane/	Jet fuel A,A1,JP5,JP8 (kerosene)	Tetrachloro ethylene
Dibromo methane	Mesityl oxide	Toluene
Dichloro benzene	Methoxy ethanol	Trichloro ethylene
Dichloro ethene (dichloroethylene)	Methoxypropanol	Trimethylbenzene
Diethylamine	Methyl acetate	Turpentine
Di methoxy methane	Methyl acetoacetate	Turp's (pure gum)
Di methyl acetamide	Methyl acrylate	Vinyl acetate
Dimethyl formamide	Methyl amine	Vinyl chloride
Dioxane	Methyl benzoate	Vinyl cyclohexane
Epichlorohydrin	Methyl benzyl alcohol	Xylene – m, -o, -p
Ethanol (ethyl alcohol)	Methyl ethyl ketone (MEK)	
Ethene	Methyl iso butyl ketone	Plus more . . .

- Unlike many other competitive instruments, Scout will display the actual concentration and VOC gas type that it is set to detect

KEY DETECTION MODES

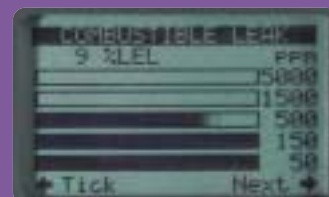
Scout is more than just one instrument

CONFINED SPACE MODE



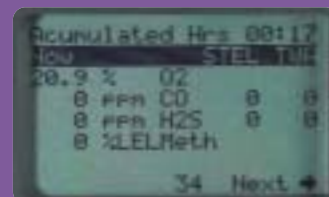
- Standard four gas configuration protects from oxygen deficiency, flammable and toxic gas hazards accurate interpretation

LEAK DETECTION MODE



- When this mode is selected five horizontal ppm bars are displayed: 50, 150, 500, 1500 and 5000 ppm
- As the bar chart advances so the Scout 'ticks' louder and faster until the concentration exceeds 5000ppm (0.5%) and then automatically ranges to the standard % LEL display

OCCUPATIONAL HYGIENE MODE



- Displays the time weighted average exposure values for toxic gas channels

0-100% VOLUME MODE



- Optional flammable gas sensor auto ranges from 0% LEL to enable measurements to be made in the range up to 100% volume – even in inert atmospheres

VOC MEASUREMENT MODE



- Plug in Photo Ionisation Detector allows measurements of a wide range of Volatile Organic Compounds
- Includes an internal library of calibration factors for >90 specific VOCs

TECHNICAL SPECIFICATIONS

Case material	Magnum™ ABS with Nickel plating
Dimensions (L x H x W)	90mm x 66mm x 100mm
Weight	700g Alkaline version with batteries
Power source	3 C-Cell or Li-Ion Battery Pack
Temperature Range	-20°C to +50°C
Humidity Range	0 to 99% RH non condensing
Battery Life	Up to 70 hours without pump Up to 150 hours with PID sensor only
Dust/Water ingress	IP57

Pump	
Typical flow rate	500 ml/min
Maximum hose length	30 metres with 3mm ID tubing
Maximum Draw	vacuum 305mm H2O
Alarm flow rate	250 ml/min

Sensor range	
Gas Sensor	Range PPM
Ammonia (NH3)	0-200
Carbon Monoxide (CO)	0-1500
Hydrogen Cyanide (HCN)	0-100
Hydrogen Sulphide (H2S)	0-500
Nitrogen Dioxide (NO2)	0-150
Nitric Oxide (NO)	0-999
Oxygen (O2)	0-25%
Phosphine (PH3)	0-20
Sulphur Dioxide (SO2)	0-100
Value2 CO and H2S	
– Carbon Monoxide	0-999
– Hydrogen Sulphide	0-500
Flammable Gas	0-5000 ppm 0-100% LEL 0-100% volume
PID (VOC dependant)	0-99.9 and 100-3000



CERTIFICATIONS



CE marked

Certified as per ATEX Directive – ATEX94/9/G



Ex II 2G EEx ia IIC T4

Or EEx ia d IIC T4

UL approved Class 1, Division 1, Groups A, B, C & D

Complies with EN50014, EN50016, EN50020

ACCESSORIES

- Integral sampling pump
- Soil probe
- Flue probe
- Data logging download board
- Auto-calibration station
- Calibration gases
- Rubber boot



• Single charger

• Multi station charger



- The Scout is also available as a Confined Space Kit option

For further information please contact:

tyco

SCOTT
HEALTH & SAFETY

UK:

Scott Health & Safety Ltd

Pimbo Road, West Pimbo

Skelmersdale, Lancashire

WN8 9RA, England

Customer Services:

Tel: +44 (0)1695 711711

Fax: +44 (0)1695 711772

scottint.uk@tycoint.com

www.scottint.com

Finland:

Scott Health & Safety Oy

P.O.Box 501

FI-65101 Vaasa, Finland

Tel: +358 (0)6 3244 511

Customer Services:

Tel: +358 (0)6 3244 543 and -544

Fax: +358 (0)6 3244 591

fin-sales@tycoint.com

www.scottsafety.com



Distributor



ISO 9001:2000
Certificate No.
FM 00932

CE
0086

In accordance with our policy of continual product improvement, equipment supplied may differ from the specification detailed herein.