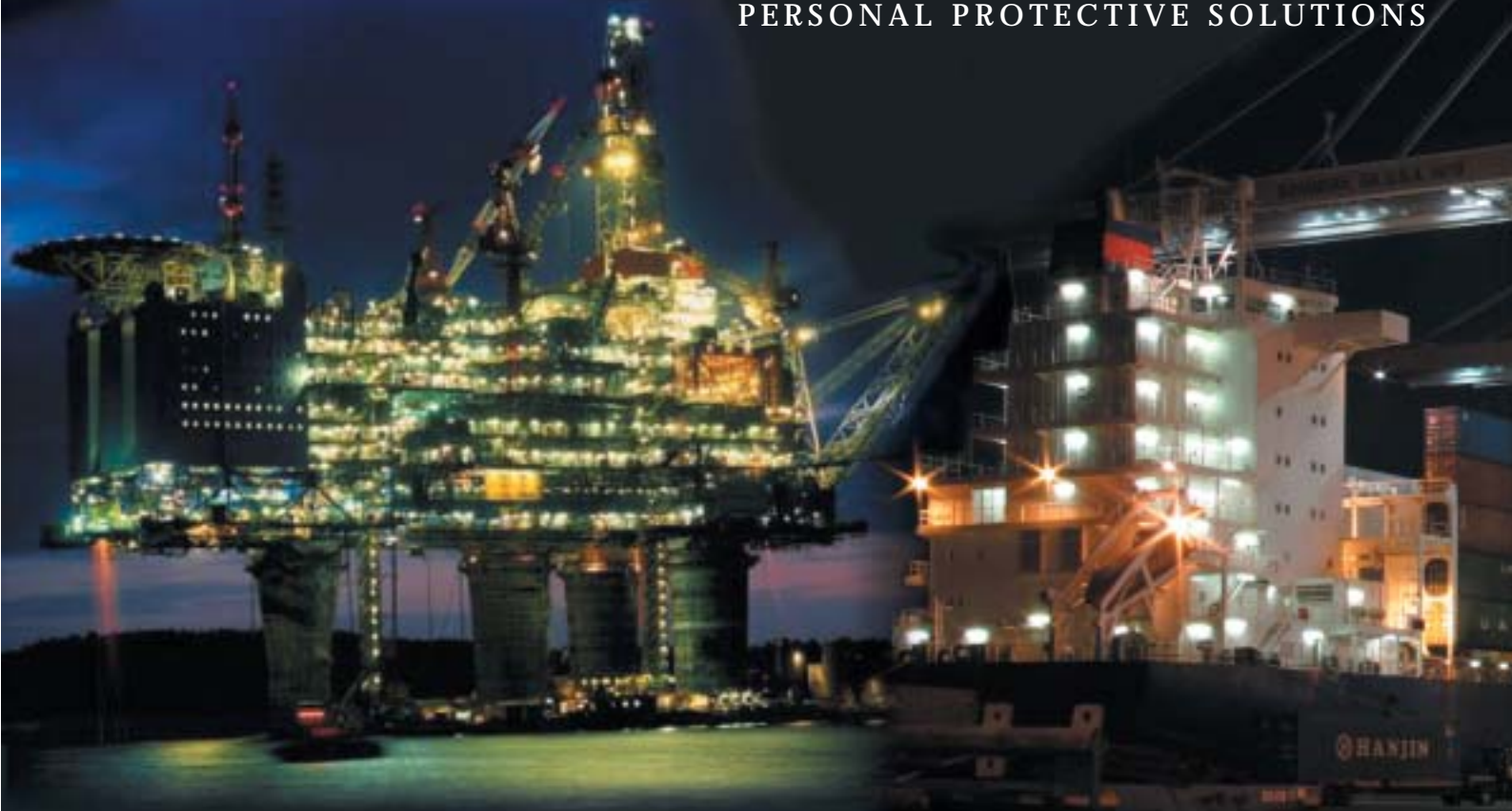


OIL, GAS & MARINE

PERSONAL PROTECTIVE SOLUTIONS



tyco / **SCOTT**
HEALTH & SAFETY



OFFSHORE / ONSHORE

OIL, GAS & MARINE SOLUTIONS

In areas where high concentrations of H₂S are present, respiratory protection and gas detection equipment you can depend upon is vital.

As a multi-national company founded in 1932, Scott understands the needs of the Oil, Gas and Marine industry and our global sales and servicing network is there to support you locally in every region you operate.

Scott's portable and fixed gas detection solutions provide instant pre-warnings of high concentrations of gas - safeguarding against toxic and flammable gases, as well as oxygen deficiency.

Scott also provides the most comprehensive range of respiratory protection available, offering a choice of EN, NIOSH or NFPA approval standards. The range includes rapid don escape sets, self contained breathing apparatus and airline working sets; all of which offer the freedom to rapidly connect into ring main cascade airline systems.

When choosing Scott you gain access to the significant diversity and resources of our parent company Tyco International, who will be happy to fully integrate a gas and flame detection system to suit your requirements, all from a single co-ordinated point if required.

Whether you work Offshore, Onshore or in the Transportation of Oil and Gas, Scott has respiratory protection and gas detection solutions to meet your requirement.

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SCOTT'S COLOUR KEY

Products in this catalogue have been grouped into categories designated by the colour codes shown below. To locate a specific product, use the table of contents to the left or colour-coded tabs on the following pages.

AIR-SUPPLIED

AIR PURIFYING

COMPRESSORS & FILL STATIONS

HEAD & SENSORY (PPE)

GAS DETECTION

SCOTT'S ICON GUIDE

Our products have applications in the following Oil, Gas and Marine segments:



EXPLORATION



PETROCHEMICAL



TRANSPORTATION



CONTOUR 120 (EN)



SELF CONTAINED BREATHING APPARATUS

Designed for use with the Vision or Promask facemask the Contour 120 is a lightweight high performance set suitable for a wide variety of applications. It offers exceptional levels of performance, comfort and reliability with low through life costs.

- Airline attachment with choice of CEN, Foster or Hansen HK type couplings
- Robust, reliable and simply maintained
- Kevlar Blend non-padded webbing harness
- Tempest demand valve offers excellent flow performance
- CE marked to EN137 and EN139, AS1716 and MED (shipswheel) approved



MED SHIPSWHEEL APPROVED



CONTOUR 320 (EN)



SELF CONTAINED BREATHING APPARATUS

The Contour 320 offers high levels of user comfort due to its ergonomic backplate and padded Kelvar blend webbing. The set accepts a single 200 or 300 bar cylinder.

- Airline attachment with choice of CEN, Foster or Hansen HK type couplings
- Robust, reliable and simply maintained
- Kevlar Blend padded webbing harness
- Facility to add electronic monitoring devices to the set
- CE marked to EN137 and EN139, AS1716 and MED (shipswheel) approved



MED SHIPSWHEEL
APPROVED





AIR-PAK® FIFTY (NIOSH (NFPA)



SELF CONTAINED BREATHING APPARATUS

Leading edge technology and reliable time tested performance are just two of the many reasons the Scott Air-Pak Fifty SCBA is the choice of fire and industrial professionals worldwide.

- Time-tested record of reliable performance and rugged dependability
- Redundant safeguards promote an added margin of safety
- Tactile end-of-service indicator
- Cylinder duration available in 30,45, and 60 minutes
- Lightweight, ergonomically designed harness system
- Harness incorporates quick release take-up with parachute style hardware
- NFPA – 1981 and NIOSH approved



TOP-DOWN CONVERTIBILITY™

TOP-DOWN CONVERTIBILITY™

Scott's range of NIOSH SCBA air-supplied and air-purifying respirators, facepieces and communications products are fully interchangeable due to their unique Top-Down Convertibility™ design.

- Provide customised personal protection
- Easily convert to different levels of respiratory protection
- Minimise equipment inventories
- Simplifies user training when issued as a single personal issue facepiece
- Dramatically reduces redundant facepiece fit testing





SIGMA 2 (EN)



SELF CONTAINED BREATHING APPARATUS

Sigma 2 is a high performance, low cost Self Contained Breathing Apparatus for shipboard fire fighting and confined space entry. The set complies with the requirements of SOLAS chapter II reg 17.

- Low cost, high performance SCBA
- Accepts wide range of 200/300 bar cylinders
- Easy to operate with low through-life costs
- Lightweight and ergonomic backplate
- Type Approval CE to EN137 and MED (shipswheel) approved)



MED SHIPSWHEEL
APPROVED





ISCBA (NIOSH)



SELF CONTAINED BREATHING APPARATUS

Designed for quick and easy use, the ISCBA provides superior IDLH-level respiratory protection in non-fire related environments. The ISCBA also accommodates a number of optional components that are easily interchangeable.

- Ideal supplied-air protection in non-fire related environments
- Simple, dependable single stage pressure reducer
- Clear, recognizable, audible and tactile alarm
- Ergonomic backframe design
- Harness available in Kevlar® or Nylon
- Available in 2216 and 4500 psi cylinders
- Optional airline attachment
- NIOSH approved with Scott's AV-2000®, AV-3000®, Scott-O-Vista® and Weld-O-Vista® facepieces



TOP↕DOWN CONVERTIBILITY™





CEN-PAQ (EN)



SELF CONTAINED BREATHING APPARATUS

The Cen-Paq's one size waistcoat and compact cylinder allows for use where full sized SCBA may be too bulky or heavy. An optional airline attachment is ideal for extended working.

- Optional Airline attachment with choice of CEN, Foster or Hansen HK type couplings
- Robust, reliable and simply maintained
- Hi-Vis or Antistatic Jacket versions
- 15, 20 or 30 minute versions
- CE marked to EN137 and EN139 with airline attachment





FLITE (EN)



AIRLINE BREATHING APPARATUS

Flite supplies the wearer with breathing air from a cascade system, without the need for a bulky back mounted cylinder. Ideal for extended working or restricted access areas, Flite can also be used in conjunction with an optional hip mounted escape cylinder for peace of mind.

- Available with choice of CEN, Foster or Hansen HK type couplings
- Optional hip mounted escape cylinder in 10, 13 and 15 minute versions
- Low profile hard wearing padded harness
- CE approved to EN139 and EN402 with cylinder





SKA-PAK® AT (NIOSH)



AIRLINE BREATHING APPARATUS

The Ska-Pak AT is a supplied-air respirator with the added benefit of an automatic, hands-free air transfer capability. If continuous air supply is interrupted, air source is instantly switched to the portable air cylinder automatically. Upon transfer an audible and tactile alarm activates.



- Streamlined, lightweight design
- Instantaneous hands-free transfer to cylinder air
- Vibralert® audible and tactical alarm notifies wearer if system has transferred to cylinder air
- Choice of 3, 5, 10, or 15 minute duration cylinders
- Choice of harness styles
- Meets NFPA airflow rates
- NIOSH approved with Scott's AV-2000®, AV-3000®, Scott-O-Vista® and Weld-O-Vista® facepieces

TOP↕DOWN CONVERTIBILITY™





ELSA (EN)



ESCAPE BREATHING APPARATUS

Designed for escape from hazardous atmospheres, ELSA is the third generation of the original Emergency Life Support Apparatus pioneered under Scott's Sabre brand. ELSA complies with the latest SOLAS regulations and Misc circ 849.

- Very Simple to operate – starts automatically upon opening of bag
- Easily rechargeable and reuseable
- 10 and 15 minute versions available
- Lloyds, Germanischer Lloyds and RINA approved
- CE marked to EN1146 and MED (shipwheel) approved



MED SHIPSWHEEL APPROVED





ELSA (NIOSH)



ESCAPE BREATHING APPARATUS

The NIOSH ELSA is an emergency escape-breathing device providing 5, 10 and 15 minutes of escape from toxic environments - even at IDLH levels.

- 5, 10 and 15 minute escape duration units provide air at 40 lpm
- 5 minute high flow unit provides air at 75 lpm
- Pressure gauge on cylinder valve verifies cylinder pressure at a glance
- Easily detachable clear polyurethane hood provides 360° visibility
- Hi-vis PVC coated polyester bag can be worn on shoulder or neck
- 10 and 15 minute unit meets new SOLAS requirements (Chapter II-2, reg. 13)
- NIOSH approved





ELSA MUSTER (EN)



ESCAPE BREATHING APPARATUS

Positive pressure escape set providing air on demand for situations where the escape route may require a high level of exertion or where the maximum levels of protection are needed. The ELSA Muster has an ancillary air attachment for use at muster stations.

- Plug into a cascade system for extra air whilst the hazard clears
- 10 and 15 minute versions
- Positive pressure hood or facemask versions
- Tempest demand valve offers excellent flow performance
- Antistatic bag as standard
- CE marked to EN402





PROMASK (EN & NIOSH)



NEGATIVE PRESSURE FACEMASK

The Scott Promask full face respirator is offered in a choice of materials and provides proven comfort and reliability.

- 'Procomp' option for comfort, durability and long service life
- Silicone option for superior flexibility and comfort in a yellow safety colour
- Both options available in two sizes
- Clear silicone inner mask increases wearer acceptance
- Unobtrusive side or twin filter mounting
- 'Data Tag' version available for electronic traceability
- CE marked to EN136
- NIOSH approved



AIR PURIFYING



VISION 2 (EN)



NEGATIVE PRESSURE FACEMASK

The Vision 2 full face respirator provides the ultimate in comfort, ease of use and wearer appeal. It provides an unsurpassed field of vision, offers a choice of mask sizes and filter locating positions.

- Virtually unrestricted (98%) field of vision
- Comfortable and durable silicone facesal
- Visor is scratch and solvent resistant as standard
- Front or side mount 40mm thread versions available
- All versions available in three sizes
- CE marked to EN136





AV-2000® (NIOSH (NFPA)



NEGATIVE PRESSURE FACEMASK

- Double lip design provides positive pressure to the seal
- Wider, softer design improves user comfort
- Thicker seal lip adds strength to the seal structure
- Broader, deeper chin cup allows greater contact
- Available in small, large and x-large in Kevlar® and rubber head harness
- NIOSH and NFPA approved, plus NIOSH CBRN approved for use with Scott NFPA SCBA



TOP↻DOWN CONVERTIBILITY™

AIR PURIFYING



AV-3000™ (NIOSH (NFPA)



NEGATIVE PRESSURE FACEMASK

- Improved downward and peripheral vision
- Larger dual voicemitters
- Three sized Comfort Seal™ and four sized nose cups
- Easy don six-point quad adjustment head harness
- Clam shell design decreases part changeout
- NIOSH and NFPA approved, plus NIOSH CBRN approved for use with Scott NFPA SCBA



TOP↻DOWN CONVERTIBILITY™



PROFLOW EX (EN & NIOSH)



POWERED AIR PURIFYING RESPIRATORS

The Proflow EX PAPR provides an electronically controlled flow to a wide choice of headtops and face-masks.

- Approved for intrinsic safety
- Integral lightweight NiMH battery recharges to provide full shift operation
- Constant display indication of battery and filter flow status
- Range of Particle and Combination filters available
- On board data logging downloadable to provide service diagnostics and full service history
- CE approved to EN12941/2
- NIOSH approved version



AIR PURIFYING





TORNADO (EN & NIOSH)



POWERED AIR PURIFYING RESPIRATORS

The Tornado ranges offer the choice of powered filtered air or constant flow airline and a comprehensive range of headtops.

- Approved for intrinsic safety
- Demountable battery for charging off the unit
- Wide range of Particle and Combination filters available
- Headtops interchangeable between filter unit and airline
- Wide choice of headtops and facemasks
- CE Marked to EN12941/2
- NIOSH approved



AIR PURIFYING





HUSH AIR



STATIONARY AIR COMPRESSOR

The quietest Breathing Air System on the market today, the Hush Air offers a complete compressor assembly with maximum open frame air flow design.

- Auto drain system with silencer reservoir
- Automatic low oil shut down indicator
- Stage gauge panel
- Emergency stop button
- Operation time meter
- Automatic high temperature shut down indicator



REVOLVEAIR®



CHARGE STATION

The module allows for simultaneous charging of two BAC's within the projective chamber while two further BAC's are being exchanged outside of the chamber.

- Complete with safety interlocks, safety gauges, charge and bleed valves
- Pressure regulator for automatic BAC charging
- Offers personal time savings over competitive charge stations a minimum of 33% faster
- Third party test and certified (NFPA 1901)
- Safety pressure gauges (storage-compressor and cylinder)





HEAD & SENSORY



PERSONAL PROTECTIVE EQUIPMENT

Scott's Protector branded range includes products to protect the head, face, eyes and ears. All are designed to be simple and comfortable to use, whilst providing optimum protection for a wide range of applications.

- **Head protection**
Includes bumpcaps and safety helmets
CE marked to EN397
- **Face protection**
Including browguard systems, helmet mounted carriers and visors
CE marked to EN166
- **Hearing protection**
Passive, electronic and communications earmuff versions
CE marked to EN352
- **Eye protection**
Comprehensive range of goggles and spectacles
CE marked to EN166



HEAD & SENSORY
(PPE)





SCOUT



PORTABLE MULTI-GAS MONITOR

A simple to use go/no-go multi-gas monitor, up-gradeable to a sophisticated data logging hygienist's tool for recording Occupational Exposure Level histories or for monitoring emissions of Volatile Organic Compounds.



- Up to 70 hour run time on single charge in diffusion mode (150hrs for VOC's)
- Accepts 'Spectrum' plug in PID for monitoring VOC's at ppm levels
- Three Flammable Gas modes:
 - 50-5000ppm in leak detect mode
 - 0-100% Lower Explosive Levels
 - 0-100% volume - even in inert atmospheres
- Sensor lifetime and calibration due warning with programmable lockout
- CE marked to EN50014, EN50018 and EN50020
- ATEX, CSA/UL i.s. approvals





MINI-SA



SINGLE GAS PERSONAL MONITOR

A high specification, cost effective, pocket sized gas detection instrument designed to effectively protect personnel from exposure to a wide range of toxic or asphyxiant gases.

- Easy to use with low maintenance
- Large back lit LCD screen
- Triple alarms: audible, visual and vibratory
- Smart plug and play sensors
- Lifetime instrument warranty excluding sensors and batteries
- CE marked to EN50014, EN50018 and EN50020
- CSA/UL i.s. approvals





FIXED SYSTEMS



SENTINEL II

An economic solution for one or two-point toxic, oxygen deficiency, and/or combustible gas monitoring applications.

- Three relays per channel: two alarm level, one fault – rated 5A
- Sensor self test (SST) integral bump check gas generators available for: Cl₂, HBr, HCl, HF, SO₂, O₃, H₂S
- CE marked to EN50014, EN50018 and EN50020
- Sensors with UL, CSA i.s. approvals, ATEX pending



QUADSCAN II - 7400

The Series 7400 QUAD-SCAN II is a scaleable one to four channel wall mount receiver/controller for 4-20mA transmitters for oxygen, toxic and flammable gases.

- Three common, 5A alarm relays: low, high and fault
- Optional, configurable eight alarm relay module in separate enclosure
- Analogue 4-20mA outputs standard
- CE marked to EN50014, EN50018 and EN50020
- CSA approved general electrical safety





FIXED SYSTEMS



SENTINEL VI - 7600

A versatile six channel controller with full analog and digital I/O capability. Up to six individual points of gas detection.

- Optional inputs: Modbus RS485, 4-20mA and/or direct cat bead for flammable
- Three common, 5A alarm relays: low, high and fault
- Optional plug in, configurable, six alarms relay boards
- CE marked to EN50014, EN50018 and EN50020
- UL approved for general electrical supply



SENTINEL 16 - 7800

A versatile eight or 16 channel controller with full analog and digital I/O capability. Available in 19" rack format and scalable for over 16 gas detection channels.

- Optional inputs: 4-20mA, direct cat bead for flammable
- Graphical channel display/trend indication
- Three common, 5A alarm relays: low, high and fault
- Optional plug in, configureable, eight alarm relay boards
- CE marked to EN50014, EN50018 and EN50020
- UL approved for general electrical supply





DETECTOR HEADS



4888 NIC II COMBUSTIBLE

Gas detection transmitter for flammable (combustible) gases employing pellistor (catalytic bead) based detector.

- Integral digital display
- Three wire plug in sensor – options for poison resist, positive flow and diffusion
- Non-intrusive magnetic calibration
- Optional three integral 5A rated alarm relays
- Plug in, easy to maintain sensor
- UL, CSA i.s. approvals



4688 IR GAS PLUS

Flammable gas transmitter based on infra-red gas dual wavelength absorption.

- Three or four wire 24VDC loop powered
- Wide choice of pre-programmed calibration curves
- Low maintenance – no regular span calibration required
- Heated optics prevents condensation
- Optional three programmable integral alarm relays
- CE marked to EN50014, EN50018 and EN50020
- FM, UL, CSA i.s. approvals





DETECTOR HEADS



FREEDOM 5000/5600 SERIES TRANSMITTERS

Universal 4-20mA gas transmitter for Oxygen and Toxic gas sensors. Two versions: F5000 intrinsically safe and F5600 explosion proof.

- Two wire 24VDC loop powered
- Integral digital display option
- Optional three integral alarm relay contacts (for F5600)
- Integral or remote sensor mounting options
- Non intrusive one man magnetic coupled calibration
- Sensor self test available for: standard Cl₂ and H₂S, Rock-Solid BCl₃, Br₂, Cl₂, ClO₂, HBr, HCl, HF, O₃, SO₂, SiH₄
- CE marked to EN50014, EN50018 and EN50020
- ATEX/CSA i.s. or Ex approvals



FLAME VISION FV282f+

The Flame Vision FV282f+ is a triple infrared flame detector designed to detect unwanted fires and provide alarm output directly from the detector while maintaining the highest available level of false alarm immunity.

- Samples three infrared wavelengths helping to avoid false alarms
- Optical self-test procedure ensures operation at maximum efficiency
- Completely solar blind
- Adjustable range and alarm time delay
- Suitable for indoor and outdoor applications – corrosion resistant, stainless steel, explosion-proof housing
- CE marked, FM certified – explosion proof and complies with FM3260 (Flame Radiation Detectors)





For further information
please contact:

tyco

SCOTT[®]
HEALTH & SAFETY

EUROPE

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

Other Regional offices:

MIDDLE EAST

Tel: +971 (02) 445 2793

Fax: +971 (02) 445 2794

Email: scottsales.emirates@tycoint.com

www.scotthealthsafety.com

AMERICAS

Tel: +1 800 247 7257

Fax: +1 704291 8330

Email: sh-sale@tycoint.com

www.scotthealthsafety.com

AUSTRALIA/NEW ZEALAND

Tel: +61 (2) 8718 2200

Fax: +61 (2) 8718 2211

Email: scottmarketing.anz@tycoint.com

ASIA

Tel: +65 (6)467 1793

Fax: +65 (6)467 7653

Email: tbarrett@tycoint.com

Distributor



EXPLORATION



PETROCHEMICAL



TRANSPORTATION



ISO 9001:2000
Certificate No.
FM 00932



0086

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