



3M™ Scott™ Flite COV Supplied Air Respirator



3M™ Scott™ Flite COV (Change Over Valve) is a positive pressure supplied air respirator that also provides emergency respiratory protection and escape capability allowing the user to enter hazardous atmospheres including those identified as Immediately Dangerous to Life or Health (IDLH). If needed, the switch to the emergency air supply cylinder is accomplished by an automatic changeover valve requiring no user intervention if the airline supply fails and the user needs to exit using the 'escape' cylinder.

The unit also features a flame retardant polyester harness with stainless steel buckles, combined cylinder and pressure reducing valve assembly and a rugged mask-mounted demand valve with automatic first breath activation. The Flite COV can be used in applications such as confined space entry, hazardous materials handling and many general maintenance tasks in a variety of industries including chemical, petrochemical, oil and gas and public utilities.

Product highlights

- ▶ In the event of an interruption of air flow from the primary supply source, switchover to emergency cylinder air supply is immediately activated by the automatic changeover valve to facilitate safe egress. A warning whistle informs the user that the switch has been made to cylinder air
- ▶ Combined cylinder and pressure reducing valve features a locking hand wheel that remains locked in the open position against inadvertent shutting and a pressure gauge
- ▶ Compressed air steel cylinders are provided in 10 and 15 minute durations, with a 10 minute lightweight carbon composite version also available
- ▶ CEN type coupling as standard; other connections available
- ▶ Features the 3M™ Scott™ Tempest demand valve with low inspiratory resistance, automatic first breath activation and responsive dynamic performance
- ▶ The unit is simple to operate and maintain
- ▶ The 3M™ Scott™ Flite COV is certified to EN 14593-1:2005 and EN 402:2003 standards

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Ordering information

Article number	Full/empty cylinder	Description
2031077		3M™ Scott™ Flite COV airline breathing apparatus comprising Tempest demand valve, supply hose and pigtail with CEN coupling, bandolier harness and facility to connect escape cylinder
2031078		3M™ Scott™ Flite COV airline breathing apparatus comprising Tempest demand valve, supply hose and pigtail with Foster/Hansen mil spec coupling, bandolier harness and facility to connect escape cylinder
2031079		3M™ Scott™ Flite COV airline breathing apparatus comprising Tempest demand valve, supply hose and pigtail with Hansen HK coupling, bandolier harness and facility to connect escape cylinder
2031535 2031536	Full Empty	200 bar 10 minute charged steel cylinder complete with pouch and reducer/hose
2031537 2031538	Full Empty	200 bar 15 minute charged steel cylinder complete with pouch and reducer/hose
2031539 2031540		300 bar 10 minute charged superlight carbon fibre composite cylinder complete with pouch and connection hose
1071671		3M™ Scott™ Vision 3 Positive Pressure Facemask, medium/large, left demand valve, rubber head harness
5513190		3M™ Scott™ Promask Positive Pressure Facemask, medium/large, left demand valve, rubber head harness

Airline and airline fittings

Airline hoses are available from 3M™ Scott™ in both PVC and anti-static rubber materials in various standard lengths. Standard safety locking connections are with CEN couplings.

Demand valve

Features servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility.

Cylinder options

- ▶ 10 minute 200 bar alloy steel;
400 litre free air capacity, empty weight 3.5kg
- ▶ 15 minute 200 bar alloy steel;
600 litre free air capacity, empty weight 5.6kg
- ▶ 10 minute 300 bar superlight carbon fibre;
540 litre free air capacity, empty weight 2.3kg

Facemasks

The Flite COV is approved for use with the 3M™ Scott™ Safety Vision 3 and 3M™ Scott™ Promask PP full facemasks. These masks feature ori-nasal inner mask to minimise carbon dioxide dead space and prevent visor misting, polycarbonate visor, fully adjustable, 5-point web, or net head harness, quick fit demand valve connector for the Tempest, reflex face seal and speech diaphragm.

Complete SAR systems

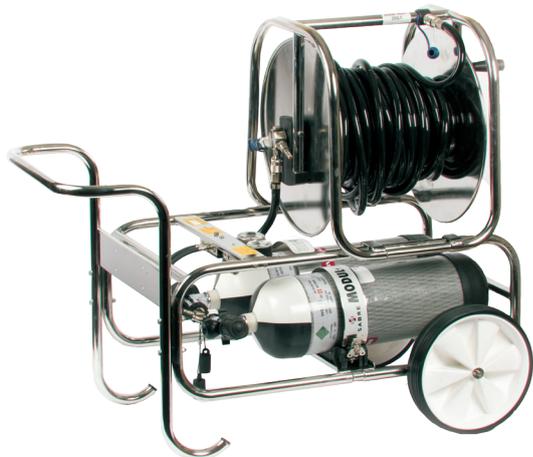
The Flite COV can be integrated with a series of other 3M™ Scott™ Fire & Safety products such as the fitted airline in multiple lengths, the 3M™ Scott™ Modulair Airline Trolley that accommodates various compressed air cylinder quantities and sizes and a wide range of facemask options, to build a complete supplied air system. A variety of accessories are also available to maximise system functionality.

Approvals

CE marked in accordance with EN 14593-1:2005 and EN 402:2003 standards.

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Related products



3M™ Scott™ Modulair Airline Trolley



3M™ Scott™ Safety Vision 3



3M™ Scott™ Promask PP

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