

# CONTOUR 300/500

*SELF CONTAINED BREATHING APPARATUS*



# COMBINING PERFORMANCE, SIMPLE MAINTENANCE AND LOW THROUGH-LIFE COSTS - COMFORTABLY

## CONTOUR 300/500

Contour incorporates innovation and creativity in design and application, maintaining Scott Safety's reputation for being at the forefront of breathing apparatus design and manufacture for over 30 years.



- Providing operational flexibility and upgrade-ability, the Contour features exceptional levels of comfort, reliability and maintainability. With both the single cylinder Contour 300 and the twin cylinder capable Contour 500 versions, Scott Safety has a breathing apparatus to meet the professionals' most exacting requirements, which reflects Scott Safety's stated philosophy to produce equipment customers wear by choice, not just necessity.

### • BACKPLATE AND HARNESES

At the heart of the Scott Safety Contour is the lightweight composite backplate. The ergonomic shape provides optimal load distribution and balance, with minimal profile to allow ease of movement. As well as the pivoting side arms providing excellent lateral support, the backplate is designed to flex, providing a high degree of mobility. The impact resistant polyamide composite material is both anti-static and non-conductive.

The Contour 300 backplate features a single cylinder retainer, whereas the Contour 500 model has a second support to allow twin cylinder use in conjunction with a high pressure manifold. The fully adjustable 100% Kevlar cylinder band features a unique over centre catch with a safety locking feature. Uniquely, the hoses are channelled along the inside of the backplate to prevent damage and minimise snag hazards.

The Contour 300 and 500 both feature a harness constructed from Kevlar blend materials and feature closed cell foam padding. The Contour 500 harness features a full length backpad as standard, as well as wraparound hose retainers. These facilitate the attachment of the latest electronic systems and simplify the removal of the pneumatic assembly.

### • PNEUMATICS

The proven pneumatic system features a simple and fail safe spring loaded piston reducer, containing only seven components including an internal pressure relief valve. Fully user serviceable, it offers low service and maintenance costs. The reducer incorporates a protected medium pressure port allowing the connection of airline decontamination or RSM attachments. All hose connections feature Scott Safety's U-clip/O-ring design, offering reliable and simple maintenance.

Different high and medium pressure connections ensure foolproof assembly. Contour 500 apparatus feature an additional high pressure port to accept fast fill charging. The shoulder mounted robust, luminous pressure gauge and whistle features swivel hose fittings for easy wearer access.

### • FACEMASKS

The Contour is available with the full range of Scott Safety masks, including the latest Vision 3 or Promask types. All masks are constructed from non dermatitic materials. Coated polycarbonate visors provide resistance to most common chemicals and provide facial impact protection. Suitable for use with the latest low-profile helmets, both elasticated net harnesses or integrated helmet clamps are also available. All Scott Safety masks feature a low profile, bayonet side fitting connecting the demand valve for superior verbal communication. The Vision mask's unique shape also provides excellent peripheral vision.



## SINGLE OR TWIN CYLINDERS

The Contour 300 is for single cylinder operation, whilst the Contour 500 has two cylinder valve retainers; one of which rotates and the other is hinged to fold flat to the backplate when not in use. Twin cylinder operation is achieved by using a high pressure manifold, connecting the two cylinders to the backplate with minimal movement. The Contour 500 can therefore be used for either single or twin cylinder operation, whilst maintaining the set's ergonomics. The Contour 300 & 500 series' Kevlar webbing cylinder band is infinitely adjustable without any tools and the unique "over centre locking" cylinder band latch is easy and quick to use whilst offering full security.

## DESIGN FLEXIBILITY

The philosophy behind the Contour is to provide a range of modular products capable of being upgraded to incorporate new technologies as they become available. This includes the ability to accept the latest radio communications and electronics systems with the minimum of modification, thereby ensuring that Scott Safety Contour can meet your future as well as current operational needs.



## DEMAND VALVE

The Tempest automatic positive pressure demand valve features low breathing resistance and unsurpassed dynamic response, combined with peak flow performance in excess of 1000 litres/minute. As well as first breath actuation and a hands-free bypass facility, the valve features a unique, fail-safe servo-mechanism. In common with all Scott Safety pneumatic systems, the Tempest provides the benefits of full user servicing with proven reliability and low through-life costs.





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**Approvals:**

EN137:2006 Type I apparatus, Australian Standard AS1716

