

## DATA SHEET

### Advanced Carrying System (ACS)

The ACS has been developed after considerable research and investment. The new Advanced Carrying System (ACS), is set to become an industry standard carrier for SCBA in the Marine, Industrial and Fire markets.

#### Diminished user burden

The only carrying system in the world to offer the new ThermoFlex™ technology, the ACS is the lightest in its class (2kg to 3.1kg without the mask and cylinder). The system also provides flexibility of movement and comfort thanks to a sculptured, soft back plate, which has been developed as a result of research carried out with osteopaths and fabric and industrial technologists.

#### Easy decontamination

The back plate and harness can both be washed with turnout gear. The highly durable material will maintain its flame retardant qualities for 50 washes at 30-40 degrees.

#### High performance pneumatics

The reliable pneumatics system comes with compact first breath activated demand valves including bypass. Removing the pneumatics simply requires rotating them by 90 degrees, eliminating the need for tools.

#### Lower through life costs

The system features corrosion resistant nickel-plated components as well as flame retardant webbing and cylinder band for further safety.

#### Flexible solutions

A wide range of facemasks, cylinders and valve styles are available, allowing the system to be tailored to individual requirements. It is also possible to select from a range of materials with either padded or unpadded harnesses. A hard carrying case is a further option. With Class I and Class II approvals as well as achieving Australian Standard AS/NZS1716:2003, each system can incorporate compliance sets through to fully adjustable professional sets.

#### ACSfx

The Scott ACSfx is the flagship set of the ACS range. Offering the highest levels of protection, the ACSfx builds upon the success of the Propak and represents the future of Self Contained Breathing Apparatus.

#### ACSf

The ACSf was developed for the Professional Fire Service, offering high levels of comfort and performance. Built upon the success of the Propak SCBA, the ACSf integrates ThermoFlex™ technology and a reliable two-stage pneumatic system to ensure the high quality and performance.

#### ACSi

The ACSi builds upon the success of the Contour SCBA range, combining comfort and performance with low through-life costs. The ACSi integrates thermoFlex technology and revolutionary pneumatics systems to result in a high quality SCBA product.

#### Sigma ACSm

The Sigma ACSm is a low cost SCBA set giving the same high levels of protection as the ACSi but packaged as a simple and effective solution for use in Industry, Shipping and other non-firefighting environments. The Sigma ACSm has been built upon the success of the Sigma 2 SCBA, but with the technological advancements of the ACS range.

