

## ▶ RN/A 1603

### Complete SCBA Kit (Self-contained breathing apparatus type 1)



#### Technical specifications

##### ▶ Harness / Back plate

- Polypropylene back plate, harness with padding, and self-extinguishing traps with elastomer foam
- Inlet pressure: 0-300 bar
- Compensated piston regulator in a nickel-plated brass alloy
- Demand valve with patented alarm signal
- Low-pressure alarm setting:  $55 \pm 5$  bar
- Phosphorescent rubber pressure gauge 0-360 bar with contrast zone 0-50 bar
- Approvals: Self-contained breathing apparatus EN137: 2006 Type 1

##### ▶ Respiratory protection mask TR82

- Full-face mask EN136 class 3 with DIN Rd40 EN 148-3 threaded connection (for filter or SCBA connexion)
- Very comfortable EPDM rubber mask, panoramic polycarbonate lens with a large field of vision
- Set of five EPDM straps and PVC shoulder strap
- Molded outer skirt for excellent fit on the face
- Great comfort of use even for long periods

##### ▶ Compressed air cylinder

- Steel cylinder 6 liters 300 bar (1800 liters of breathing air) for an autonomy of about 45 minutes at 40 l/min.)
- Length 510mm Ø 140mm / Empty weight : 7.2 kg (without valve)
- Complies with EN 144-1, PED directive 97/23/EC and is CE marked

##### ▶ Transport and storage case

The orange colored transport case allows its identification. It contains all the components of the SCBA, including the connected compressed air cylinder ready for use.

#### Product description

The **RN/A 1603 complete and ready-to-use SCBA kit** is intended for interventions in non-breathable, oxygen-poor, or asphyxiating environments. It is composed of a light and comfortable harness, a full face mask, and a 6-liter compressed air cylinder at 300 bar (i.e., 1800 liters of breathable air), all of which are stored in a sturdy transport and storage case.

The **RN/A 1603 SCBA** combines a high level of respiratory protection with economical and easy-to-handle equipment for industrial maintenance and emergency response. It is certified Type 1 according to the EN 137:2006 standard for self-contained open-circuit compressed air breathing apparatus.

The thermoformed polypropylene back plate of the **RN/A 1603 SCBA** is light and robust. Its anatomical shape keeps it in optimal position even when bending or crawling. The back support strap is cushioned to increase comfort and can be fitted with a special padded belt at the kidney level to enhance the equipment's portability. Specially designed handles allow for easy operation and donning of the SCBA.

The **RN/A 1603 SCBA** features a demand valve that maintains positive pressure in the mask cavity to prevent contaminated air from leaking inside. It is possible, if necessary, to switch to constant flow by turning the demand valve ring by a simple quarter turn. A low-pressure alarm is activated when the residual pressure drops below 55 bar.

The shoulder-mounted pressure gauge is provided with a luminous dial for good readability in poorly lit areas. A protective rubber cover and polycarbonate housing form a rugged and waterproof unit.

