

SAVIUR[®]
Performing PPE



SAVIUR SELF-CONTAINED BREATHING APPARATUS (SCBA) PRO

Model No.: RPSAV-PR

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**SureTM
Safety**
Complete Safety Solutions

Saviour Self-Contained Breathing Apparatus (SCBA) Pro

The Saviour Pro Breathing Apparatus is a cutting-edge solution designed for environments where breathing air is essential for short durations. Featuring integrated communication devices, HUD, and electronic safety features such as pressure gauge and temperature indicator, it ensures optimal safety during operations. Ideal for organizations operating in hazardous atmospheres requiring swift emergency response capabilities.

KEY FEATURES:



TECHNICAL SPECIFICATIONS

Comprehensive Components & Structural Integration:

Regulator:	<ul style="list-style-type: none">Maximum Input Pressure: 30MPaOutlet Pressure: 0.5+/-0.9MPaRelief Valve Opening Pressure: 1.2+/-0.2MPaWorking Temperature: -30 to +60Flow Restrictor to Gauge Supply Hose: <25 Litres/minute
Hose	<ul style="list-style-type: none">Medium Pressure Hose: Maximum Working Pressure: 2MPa Minimum Burst Pressure: 1MPHigh Pressure Hose: Maximum Working Pressure: 2MPa Minimum Burst Pressure: 1MPa

Weight/Dimensions	With Orange Carrying Case: 76*50*30cm 21kg (Empty steel cylinder)
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SYSTEM COMPONENTS



Saviour Pro Mask with Auto Alarm Fun: The Pro Mask features an innovative auto alarm function for enhanced safety. If the device remains still for 30 seconds, it activates a 20-second alarm stage characterized by flashing lights, audible buzzer, and device shock. Touching the mask cancels the alarm. Failure to do so triggers a dangerous alarm stage with intensified flashing and buzzing. The alarm can be cancelled by pressing the button twice.



Lung Demand Valve: Designed for the most challenging environments requiring the use of breathing apparatus, the Lung Demand Valve (LDV) ensures reliable air delivery with its compact, robust design, and exceptional pneumatic performance.



Backplate:

- Ergonomically Designed Composite Back Plate.
- Lightweight Construction.
- Fire Retardant, Cushioned Harness.
- Backplate is integrated with Pressure Reducing valve with medium pressure hose and high-pressure hose.
- High pressure hose is cover with rubber to protect gauge from wear.

MATERIAL SPECIFICATION

- **Pressure Reducing Valve Material:** Nickel Plated Brass
- **High Pressure Hose Material:** EPDM
- **Low Pressure Hose Material:** EPDM
- **O Ring Material:** EPDM
- **High Pressure Gauge:** Polycarbonate lens
- **High Pressure Gauge Cover:** Rubber
- **Demand Valve Hose Fitting:** Stainless Steel
- **Face Mask Material:** Silicone
- **Back Pad Material:** Fire Retardant Material
- **Cylinder Band Material:** Fire Retardant Material
- **Strap Buckles Material:** Fire Retardant Material
- **Cylinder Material:** Steel or Composite
- **Cylinder Valve Material:** Nickel Plated Brass

Compressed Air Cylinder:

Model No	Capacity	Cylinder	Duration
FG-PP-OT-RP-00056	6.8 L/300 Bar	Carbon Composite Cylinder	45 Min.



OPTIONAL ADD-ONS (AVAILABLE AT EXTRA COST)

- Normal Maintenance Spares.
- Hard Carrying Case.

ADDITIONAL CONFIGURATION OPTIONS (AVAILABLE AT EXTRA COST)

- Dual Man Connection with Low-Pressure Hose.
- Plant Airline Connection with Reducer Assembly.
- Optional DSU (Distress Signal Unit) if Required.

ADVANTAGES

Cutting edge technology: Premium pneumatic components ensure enduring high performance and reliability with minimal maintenance. Ultra-lightweight, high-strength back plate offers exceptional durability against impact, heat, and chemicals.

Integrated hose design: Minimizes potential for snag and entanglement. Gauge and air supply hoses are intricately incorporated into the backplate, facilitating easy and cost-effective individual replacement.

Optimal Load Distribution: Innovative materials and contoured design minimize back strain and fatigue. Harness design ensures superb weight distribution on shoulders, enhancing comfort.

Maintenance Friendly: Quick and easy assembly/disassembly of key components. Reducer housed within the back plate for added protection, easily removable with basic tools.

Tested, Durable, and Adaptable:

Employs proven systems for reliability. Customizable to meet specific industrial requirements, offering standard fit with easily maintainable harness.

Maintenance/Serviceing:

Maintenance and servicing should be performed only by trained personnel following procedures outlined in the Service and Maintenance manual.

KEY HIGHLIGHTS

- Ergonomic back plate design for enhanced comfort during prolonged use.
- Integrated pneumatic system with cylinder connector, regulator, pressure gauge, whistle, and demand valve.
- Optional attachments available including electric pressure gauge, communication face mask, and adjustable back plate.
- Auto alarm function in Pro Mask activates after 30 seconds of inactivity, providing visual, auditory, and tactile alerts.
- Stainless steel swivel hose fittings ensure durability and ease of movement.
- Dynamic equilibrium type pressure reducer maintains stable output pressure regardless of changes in cylinder pressure or user's breathing rate.

APPLICATIONS

- Specifically designed for Professional Fire Fighting SCBA applications.
- Suitable for providing respiratory protection in Immediately Dangerous to Life or Health (IDLH) environments.
- Chemical and Petrochemical Industries
- Confined Space Entry
- Construction and Demolition
- Mining Operations
- Industrial Maintenance and Cleaning
- Emergency Response and Rescue
- Hazardous Material Handling

CERTIFICATION

EN 137:2006 - Approved
EN 136:1998+AC:2003 – Approved
PESO - Approved Cylinder
PESO - Approved Valves
IS 10245 PART 2: 1994 - Approved
IS 14166: 1994- Approved

RECOMMENDED ACCESSORIES



Spare Cylinder



Carrying case

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