

SAVIOUR[®]
Performing PPE



SAVIOUR SELF-CONTAINED BREATHING APPARATUS (SCBA)

Model No.: RPSAV-SCBA

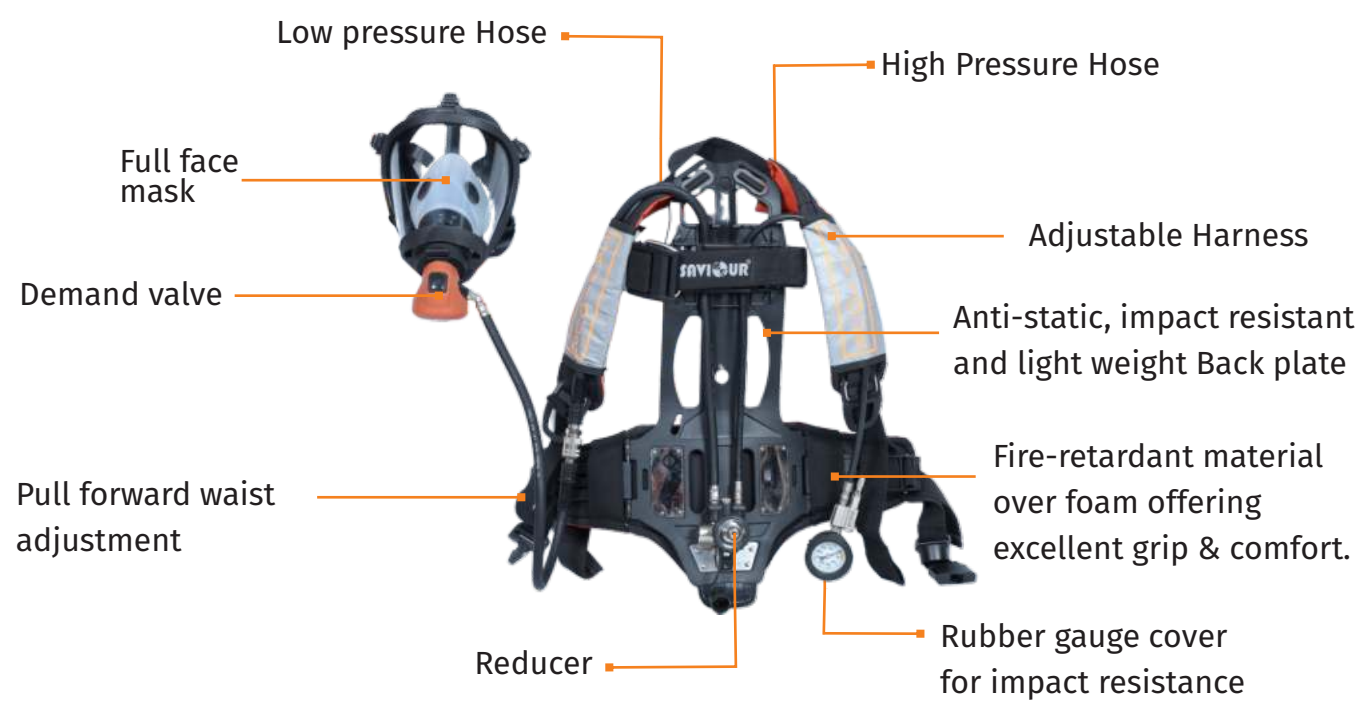
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Saviour Self-Contained Breathing Apparatus (SCBA)

Designed for industrial applications demanding a durable, and user-friendly breathing apparatus, the “Saviour” Self-Contained Breathing Apparatus (SCBA) seamlessly integrates reliability with comfort and high performance. It boasts an impressive service life and is easily maintainable, ensuring efficiency in challenging environments.

KEY FEATURES:



TECHNICAL SPECIFICATIONS

Comprehensive Components & Structural Integration:

Regulator:	The pressure reducer ensures a stable output pressure regardless of changes in the air pressure in the cylinder and the user's breathing rate.
Maximum input pressure:	30MPa
Outlet pressure:	0.5+/-0.9MPa
Opening pressure for relief valve:	1.2+/-0.2MPa
Working temperature:	-30°C-+60°C

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Type:	Dynamic equilibrium type
Flow restrictor to gauge supply hose:	<25Litres minute
Hoses:	<p>Stainless steel swivel hose fittings.</p> <p>1. Medium Pressure Hose:</p> <ul style="list-style-type: none"> Maximum working pressure: 2MPa Minimum burst pressure 1MPa <p>2. High Pressure Hose</p> <ul style="list-style-type: none"> Maximum working pressure: 400Bar Minimum burst pressure: 600Bar
Weight/Dimensions:	144 pairs/carton
Safety features:	<ul style="list-style-type: none"> Analog High-Pressure Gauge. Warning Whistle for User Safety: Activated at 50bar. Whistle Sound Level (dBA): More than 90

SYSTEM COMPONENTS



Saviour Full Face Mask: The Saviour full-face masks prioritize safety and comfort equally. Made from silicone rubber, the mask features a modern design that enhances the field of vision, providing an expansive and optimized view. Moreover, the full-face mask offers various connection options and wearing systems for added versatility.



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.

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Compressed Air Cylinder:



Model No	Capacity	Cylinder	Duration
FG-PP-OT-RP-00063	6 L/200 BAR Steel	Cylinder	30 Min.
FG-PP-OT-RP-000734	6 L/300 BAR Steel	Cylinder	45 Min.
RM-PP-RP-OT0001	4.7 L/300 BAR	Carbon Composite Cylinder	30 Min.
FG-PP-OT-RP-00056	6.8 L/300 Bar	Carbon Composite Cylinder	45 Min.
FG-PP-OT-RP-00057	9 L/300 Bar	Carbon Composite Cylinder	60 Min.
FG-PP-OT-RP-00159	4.7 L 300	Nano PET Liner	30 Min.
FG-PP-OT-RP-00058	6.8 L 300 Bar	Nano PET Liner	45 Min.
FG-PP-OT-RP-00158	9L 300 Bar	Nano PET Liner	60 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: Employing a tested design and premium pneumatic components, 'Saviour' SCBA guarantees enduring high performance and reliability throughout the lifespan of the apparatus, requiring minimal maintenance. The carrying system incorporates an ultra-lightweight, high-strength Back plate with excellent resistance to impact, heat, and chemicals, ensuring remarkable durability.

Integrated hose design: The air supply and gauge hoses are intricately incorporated into the backplate, minimizing the potential for snag and entanglement. These hoses remain distinctly separated and are not interchangeable. The gauge hose functions as a high-pressure line, while the air supply line operates as a low-pressure component. This fully integrated hose design facilitates easy and cost-effective individual replacement of hoses.

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Optimal Load Distribution: Utilizing innovative materials crafted and contoured for enhanced comfort at the shoulders and waist, the carrying system is engineered to minimize back strain, stress, and fatigue. The inventive harness design guarantees superb weight distribution on the shoulders, while the incorporation of fire-retardant Fabric material over foam ensures exceptional wearing comfort.

Maintenance Friendly: Several distinctive design elements are incorporated to minimize downtime and costs during repair and maintenance of the Saviour SCBA. All key components, including the harness attached to the Back plate through a straightforward single-piece retention method, are quick and easy to assemble and disassemble. The reducer, housed within the Back plate for added protection, can be effortlessly removed using basic tools.

Tested, Durable, and Adaptable:
The ‘Saviour’ SCBA empowers users with the reliability of proven systems that underpin the world's finest breathing apparatus. Formulated through years of research and extensive user input, these advantages encompass the utilization of advanced pneumatics. The ‘Saviour’ SCBA can be customized to meet specific industrial requirements, offering a standard fit with an easily maintainable harness.

APPLICATIONS	CERTIFICATION
Chemical and Petrochemical Industries	IS 10245 Part 2: 1994 – Approved Saviour SCBA
Confined Space Entry	IS 14166:1994 – Approved Full Face Mask
Construction and Demolition	PESO - Approved Cylinder
Mining Operations	PESO - Approved Valves
Industrial Maintenance and Cleaning	
Emergency Response and Rescue	
Hazardous Material Handling	



APPROVED

RECOMMENDED ACCESSORIES



Spare Cylinder



Carrying case