



SPIROMATIC 90U

ENTRY LEVEL BREATHING APPARATUS ↓

Expertly designed for maritime and industrial environments, our entry level Spiromatic 90U is the ideal breathing apparatus for fire-fighting. Delivering both Interspiro performance and competitive pricing, this unit is built upon the proven and reliable S-Mask/ breathing valve and plug-in regulator.

The mask's positive pressure eliminates inward leakage of gases, vapours and liquids from the surrounding environment and is equipped with an optional ambient air hatch, allowing users to switch to ambient air whilst in stand-by.

For maximum safety, the high capacity regulator is equipped with a safety valve. In addition to this, an audible warning is placed on the chest; the alarm will be heard even under the noisiest of conditions. Equipped with padded shoulder straps and easily adjusted hip belt buckles, the harness provides good comfort for all users.

FEATURES

- OPEN BACK PLATE FOR GOOD VENTILATION AND LOW WEIGHT
- EASY TO HANDLE AND ADJUSTABLE CYLINDER STRAP
- CARRYING HANDLE INTEGRATED IN BACKPLATE
- WELL-PROVEN PNEUMATICS AND ROBUST DESIGN
- FIRST BREATH ACTIVATION OF POSITIVE PRESSURE OR AMBIENT AIR HATCH FOR STANDBY USE
- EXCELLENT BREATHING PERFORMANCE
- BREATHING VALVE IS ACTIVATED FROM INNER MASK
- MASK AND BREATHING VALVE IN A COMPACT DESIGN
- AUDIBLE ALARM PLACED ON CHEST - STARTS AT 55 +/- 5BAR
- AVAILABLE WITH EXTRA AIR CONNECTION



The facemask's positive pressure eliminates inward leakage of gases, vapours and liquids from the surrounding environment.

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TECHNICAL DATA

Mask Body	Natural Rubber
Inner Mask	Natural Rubber
Visor	Heat Resistant Polycarbonate
Breathing Valve	Heat Resistant Polyamide
Membrane	Silicone with special treatment for better performance at low temperatures
High Pressure Hoses	Tefsel Over Stainless Steel
Medium Pressure Hoses	EPDM
High Pressure Parts	Nickel / Chromium Plated Brass
Backplate	Heat resistant Polymer
Webbing	Kevlar
Cylinder	
Material	Steel
Pressure	300 bar
Dimensions	200 x 570 x 280 mm
Weight	4.5 kg

Approvals

EC type examination certificate by DNV-GL, Marine Equipment Directive 2014/90, MED/3.7 plus MED/7.1 (entry and work in gas-filled space)

SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7, FSS Code 3, IBC Code 14, IGC Code 14 and IMO MSC.1/Circ.1499

Tested according to EN 136:1998 including AC:2003 (Class 3), EN 137:2006 (Type 2), ISO 23269- 2:2011 and ISO 23269-3:2011

Personal Protective Equipment, PPE 89/686/EEC, Article 11B, Tested according to EN 136:1998 including AC:2003 (Class 3), EN 137:2006 (Type 2),

Pressure Equipment Directive, Modules B and D

USA: 42 CFR, subpart 84 (NIOSH) - 90

USA with CGA connector



Product Information

Product Number	Product Name
731429	SCBA Spiromatic 90U S-Mask First Breath
731435	SCBA Spiromatic 90U S-Mask First Breath Extra Air Connection
731439	SCBA Spiromatic 90U S-Mask Ambient Air Hatch
731459	SCBA Spiromatic 90U S-Mask Ambient Air Hatch Extra Air Connection

Accessories

Product Number	Product Name
690453	Cylinder 6 L 300 Bar with Air
690412	Cylinder 6 L 200 Bar with Air
739961	Composite Cylinder 6.8 L 300 Bar Fill
522086	Test Gauge For Breathing Air Cylinders
338190164	Spiromatic Hose without Outlet For Ts/Vps/TI (for Interspiro with EURO connection)
902933	Spiromatic Hose with Outlet (T-Piece) For Ts/Vps/TI (for Interspiro with EURO connection)
538942	Spiromatic Hose Without Outlet For Ts/Vps/TI (for Interspiro with IS connection)
538934	Spiromatic Hose without Outlet For Ts/Vps/TI (for Interspiro with IS connection)

Spares

Product Number	Product Name
902884	S-Mask with Breathing Valve, First Breath Version
902883	S-Mask without Breathing Valve, First Breath Version
902882	S-Breathing Valve, M16 Thread, First Breath Version
902879	S-Mask with Breathing Valve, Ambient Air Version
902880	S-Mask without Breathing Valve, Ambient Air Version
902881	S-Breathing Valve, M16 Thread, Ambient Air Hatch Version
522086	Test Gauge for Air Cylinders
594366	O-Ring for Manifold 10 pack
657536	Filter For Regulator 10 Pack
533141	Gauge