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SPIROMATIC 90U

Expertly designed for maritime and industrial environments



Our entry-level Spiromatic 90U is the ideal breathing apparatus for firefighting. This unit, delivering Interspiro performance, is built upon the proven and reliable S-Mask/ breathing valve and plug-in regulator, ensuring you can rely on it in any situation.

BENEFITS:

- ✓ Low-weight open back plate ensures excellent ventilation and reduces fatigue from carrying heavy equipment
- ✓ Easy to handle and adjustable cylinder strap
- ✓ Integrated built-in carrying handle in the backplate allows for easy transportation
- ✓ Well-proven pneumatics and robust design provide peace of mind
- ✓ Breathing valve is activated from the inner mask
- ✓ Audible alarm placed on chest - starts at 55 +/- 5bar
- ✓ Available with extra air connection
- ✓ First breath activation of positive pressure or ambient air hatch for standby use



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

TRUSTED TO
PROTECT LIVES

SPIROMATIC 90U

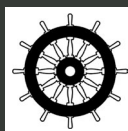
TECHNICAL DATA

SPIROMATIC 90U SCBA with face mask

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

APPROVALS & ACCREDITATIONS

- ✓ 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
- ✓ The configurations are CE approved according to European product standards and approved according to the Marine Equipment Directive



CYLINDER TECHNICAL INFORMATION

Description	Steel Cylinder 6 L 200 bar with Air	Steel Cylinder 6 L 200 bar without Air	Steel Cylinder 6 L 300 bar with Air	Steel Cylinder 6 L 300 bar without Air	Composite Cylinder 6.8 L 300 bar with Air	Composite Cylinder 6.8 L 300 bar without Air
EDP No.	690412	690420	690453	690461	739961	739979
Working Pressure	200 bar	200 bar	300 bar	300 bar	300 bar	300 bar
Volume (water)	6 L	6 L	6 L	6 L	6.8 L	6.8 L
Air Capacity	1200 L	1200 L	1800 L	1800 L	2040 L	2040 L
Weight	9.3 KG	9.3 KG	9.3 KG	9.3 KG	4 KG	4 KG
Diameter	140 mm	140 mm	140 mm	140 mm	165 mm	165 mm
Length with Valve	580 mm	580 mm	580 mm	580 mm	525 mm	525 mm

SPIROMATIC 90U

Spiromatic 90U SCBA including S-type face mask and breathing valve. Cylinders (up to 6.8 L) are sold separately and are not part of the part numbers of SCBA listed below.

ORDERING INFORMATION

Code	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

Code	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

Code	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 without Breathing Valve, Ambient Air Version
902880	S-Mask with 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