

Dräger LAR 7000 VSW Diving Apparatus

Dräger LAR 7000 is a very versatile diving apparatus for all facets of shallow water diving, including VSW – MCM diving and submarine lock-out as well as special operations diving.



FEATURES

- Closed circuit oxygen diving combined with semi closed circuit nitrox diving
- Switching between oxygen and nitrox diving mode can be made during a dive
- Front mounted apparatus
- Horizontal or vertical oriented nitrox cylinder back mounted
- Quick release nitrox connection (one hand operation)
- None magnetic in compliance with STANAG 2897 class A

TECHNICAL DATA

Basic Unit

Principal of operation	closed and semi-closed circuit, with constant dosage and lung demand valve	
Diving depth	0 to 10 msw in closed circuit 0 to 24 msw in semi-closed circuit	
Diving endurance	240 minutes at 4 °C water temperature	
Breathing gas	0 to 10 msw pure oxygen 0 to 24 msw pre-mixed gas B, 60 % O ₂ , 40 % N ₂	
Breathing bag	flexible volume approx. 5.5 l available volume approx. 10 l	
Sodalime	DiveSorb® Pro; approx. 2.3 kg per filling	
Relief valve	adjustable from approx. 4 mbar to 90 mbar	
Magnetic signature	conforming to STANAG 2897, Class A	
Acoustic signature	tested in accordance with AMP 15	
Dimensions	length 435 mm, width 340 mm, depth 190 mm	
Weight	in air	approx. 13 kg
	in water (ready to dive)	neutral
Operating temperature	minus 2 °C to 40 °C	
Storage temperature	minus 30 °C to 50 °C	



Dräger 7000
Closed and Semi Closed Circuit

CYLINDER DATA

Cylinder oxygen	non-magnetic	low magnetic (LM)	magnetic
Volume	2.0 l	1.9 l	1.5 l
Diameter	140 mm	134 mm	115 mm
Nominal Pressure	200 bar	200 bar	200 bar
Connection	G 3/4"	G 3/4"	G 3/4"
Material	carbon composite	aluminium alloy	steel
Approval	type approval / TÜV	DOT3AL	type approval / TÜV
Positioning	at the apparatus	at the apparatus	at the apparatus
Cylinder mixgas	non-magnetic	low magnetic	magnetic
Volume	4.0 l	2.7 l	4.0 l
Diameter	140 mm	117 mm	135 mm
Nominal Pressure	200 bar	200 bar	200 bar
Connection	G 3/4"	G 3/4"	G 3/4"
Material	carbon composite	aluminium alloy	steel
Approval	Type approval (TÜV)	TÜV	TÜV
Positioning	at the back	at the back	at the back
Valve Hand Wheel Right + Left	yes	yes	no

ORDER INFORMATION

Dräger LAR 7000 without harness	T 16 410
Cylinders	
Oxygen cylinder – NM, 2 l, with valve, black colour, STANAG 'A'	T 16 991
Oxygen cylinder – LM, 1.9 l, with valve, black colour	T 13 401
Oxygen cylinder (filled) – magnetic, 1.5 l, with valve, black colour, steel	B 03 961
Mixgas cylinder – NM, 4 l, with valve, black colour, STANAG 'A', for left side	T 16 992
Mixgas cylinder – NM, 4 l, with valve, black colour, STANAG 'A', for right side	T 16 993
Mixgas cylinder – LM, 2.7 l, with valve, black colour, for right side	T 16 805
Mixgas cylinder – LM, 2.7 l, with valve, black colour, for left side	T 16 808
Mixgas cylinder – magnetic, 4 l, with valve, black colour	T 15 109
Test Accessories	
Pre Dive Test Unit (Pre Dive)	T 14 992
Dosage Test Unit (Workshop)	T 14 433
Multi-Purpose Test Unit (Workshop & Pre Dive)	T 15 007
Accessories	
Transport case, plastic composite, large with inlets	T 16 956
Tactical Harness 1000 – Basic version, size S	T 92 169
Tactical Harness 1000 – Basic version, size M	T 92 161
Tactical Harness 1000 – Basic version, size L	T 92 165
Tactical Harness 1000 – Basic version, size XL	T 92 166
Standard Harness consisting of neck and waist belt	T 15 425
Diving goggle, black, magnetic with twin visor mask	T 53 307
Diving goggle, black, NM with twin visor mask	T 16 471
Bail out regulator, with mouth piece hose and switch of valve	T 15 760
Bail out regulator, with push in connector for face mask, hose and switch of valve	T 16 420
Tools	
Tool bag	T 14 410
Tool bag, NM	T 16 405
Spare Parts	
Spare Parts Set	T 14 411
Consumable	
DiveSorb® Pro, 4.5 kg / approx. two dives	67 37 062
DiveSorb® Pro, 18 kg / approx. eight dives	67 37 109
Halocarbon lubricant (28 g per tube)	65 90 212
Silicon lubricant (100 g per tube) for mouthpiece	15 95 008
Molykote M 111 Comp. 100G	15 63 572
Christolube MCG 111	40 54 602



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.