

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.



ST-3026-2004

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 8 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 8 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	conforming to 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

ST-401-2008



Dräger 7000
Closed and Semi Closed Circuit

CYLINDER DATA

Cylinder oxygen	non-magnetic	low magnetic	magnetic
Volume	2.0 Litre	1.9 Litre	1.5 Litre
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 Litre	2.7 Litre	4.0 Litre
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, STANAG 'B'	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	T16 992
Mixgas cylinder -NM-, 4 L, with valve, black colour, STANAG 'A', for right side	T16 993
Mixgas cylinder -LM-, 2.7 L, with valve, black colour, STANAG 'B', for right side	T16 805
Mixgas cylinder -LM-, 2.7 L, with valve, black colour, STANAG 'B', for left side	T16 808
Mixgas cylinder -magnetic-, 4 L, with valve, black colour	T15 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
Comfort Harness AS	T 16 706
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



DRÄGER SAFETY AG & CO. KGAA

Revalstrasse 1
23560 Lübeck, Germany
Tel +49 451 882-0
Fax +49 451 882-2080

www.draeger.com

AUSTRALIA

Draeger Safety Pacific Pty. Ltd.
Axxess Corporate Park
Mt. Waverley, Vic 3149
Tel +61 392 65 50-00
Fax +61 392 65 50-95

CANADA

Draeger Canada Ltd.
7555 Danbro Crescent
Mississauga, Ontario L5N 6P9
Tel +1 905 821-8988
Fax +1 905 821-2565

P. R. CHINA

Beijing Fortune Draeger
Safety Equipment Co., Ltd.
Beijing 101300
Tel +86 1080 49 80-00
Fax +86 1080 49 80-05

FRANCE

Dräger Safety France S.A.S.
3c, Route de la Fédération
67025 Strasbourg Cedex
Tel +33 388 40 76-76
Fax +33 388 40 76-67

MEXICO

Draeger Safety S.A. de C.V.
Av. Peñuelas No. 5
Querétaro, Qro México
Tel +52 442 246-1113
Fax +52 442 246-1114

NETHERLANDS

Dräger Safety Nederland B.V.
Edisonstraat 53
2700 AH Zoetermeer
Tel +31 79 344-4666
Fax +31 79 344-4790

SINGAPORE

Draeger Safety Asia Pte. Ltd.
67 Ayer Rajah Crescent 06 03
139950 Singapore
Tel +65 68 72 92 88
Fax +65 67 73 20 33

REP. OF SOUTH AFRICA

Dräger South Africa (Pty) Ltd.
P.O.Box 68601
Bryanston 2021
Tel +27 11 465-9959
Fax +27 11 465-6953

SPAIN

Draeger Safety Hispania S.A.
Calle Xaudaró 5
28034 Madrid
Tel +34 91 728 34 00
Fax +34 91 729 48 99

UNITED KINGDOM

Draeger Safety UK Ltd.
Blyth Riverside Business Park
Blyth, Northumberland NE24 4RG
Tel +44 1670 352-891
Fax +44 1670 356-266

USA

Draeger Safety, Inc.
101 Technology Drive
Pittsburgh, PA 15275
Tel +1 412 787-8383
Fax +1 412 787-2207