

Dräger LAR 5000 Closed Circuit Oxygen Diving Apparatus

LAR 5000 is a very streamlined and compact diving apparatus for special operations diving. Optionally the apparatus can be supplied from a nitrox regulator for submarine lock-out.



ST-15411-2008

FEATURES

- Closed circuit oxygen diving apparatus
- All components well protected in a strong housing
- Front mounted
- Adjustable lung demand regulator
- None magnetic in compliance with STANAG 2897 class A
- Optional supply from a nitrox regulator in a semi closed mode for submarine lock-out

TECHNICAL DATA

Basic Unit

Principal of operation	closed circuit with lung demand valve
Diving dept	0 to 8 msw in closed circuit 0 to 24 msw with nitrox pneumatic
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
Magnetic signature	conforming to STANAG 2897, Class A
Acoustic signature	conforming to AMP 15
Dimensions	length 425 mm, width 300 mm, depth 170 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-15412-2008

Dräger LAR 5000
Closed circuit and optional
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
Valve Hand Wheel Right + Left	no	no	no

ORDER INFORMATION

Dräger LAR 5000	T 17 300
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 -magnetic, 1,5 L, with valve, black colour, steel	B 03 961
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
Diving goggle, black, magnetic, with twin visor mask	T 53 307
Diving goggle, black, NM, with twin visor mask	T 16 471
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

OPTION FOR USE WITH NITROX – SEMI CLOSED CIRCUIT**CYLINDER DATA**

Cylinder oxygen	non-magnetic (NM)	low magnetic (LM)	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**Nitrox pneumatic**

T 17 023

Cylinders

Oxygen/Mixgas cylinder -NM-, 2 L, with valve, black colour, STANAG 'A'	T 16 991
Oxygen/Mixgas 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 the left side	T16 992
Mixgas cylinder -NM-, 4 L, with valve, black colour, STANAG 'A', for the right side	T16 993
Mixgas cylinder -LM-, 2,7 L, with valve, black colour, STANAG 'B', for the right side	T16 805
Mixgas cylinder -LM-, 2,7 L, with valve, black colour, STANAG 'B', for the left side	T16 808
Mixgas cylinder -magnetic-, 4 L, with valve, black colour	T15 109



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