

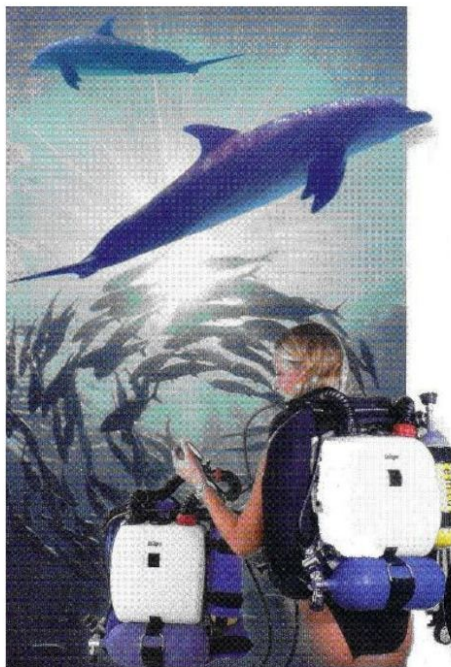
Ocean Adventures

"the Rebreather Company"

The secret of silence

- Rebreather -

Dräger FGT 5400 SCR



DBA 6000 mCCR kiss style



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Dräger FGT 5400 Semi Closed Circuit MCM Diving Apparatus

The Dräger FGT 5400 MCM diving apparatus is designed with the experience of proven apparatus for military applications. In the standard operating mode Dräger FGT 5400 premixed gases.

FEATURES

- for MCM/ EOD diving
- none magnetic according to STANAG 2897 class A
- operation either with mixed gas (nitrox) or oxygen
- used in standard operation modus pre-mixed gases NATO mixtures B, C or D
- back mounted
- equipped with a complete BCD with power inflator
- optional with bail-out system and cylinder



TECHNICAL DATA

Principal of operation	Semi-closed circuit with constant flow and lung demand valve CO2 absorption in a re-fillable canister	
Diving depth	0 to 54 msw	
Sodalime	DiveSorb Pro approx 2,3 kg per filling	
Breathing gas	0 to 24 msw Pre-mixed gas B 60% O ₂ , 40% N ₂ 0 to 42 msw Pre-mixed gas C 40% O ₂ , 60% N ₂ 0 to 54 msw Pre-mixed gas D 32,5% O ₂ , 67,5% N ₂	
Dimensions	length 520mm, width 370mm, depth 235mm	
Weight	in air - approx. 17kg in water ready to dive - neutral	

CYLINDER DATA

Cylinder mixgas	non-magnetic	magnetic
Volume	4,0 Liter	4,0 Liter
Diameter	140 mm	140 mm
Nominal pressure	200 bar	200 bar
Connection	G 3/4	G 3/4
Material	carbon composite with stainless steel liner	steel

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DBA 6000 mCCR

Manuell operated closed circuit rebreather (mCCR kiss style)

KISS (keep it simple and safe) principal of operation

A KISS style rebreather does NOT regulate oxygen flow with an electronically operated solenoid nozzle.
The oxygen flow will be provided by a constant mass flow valve (CMF valve).
The KISS system is equipped with 3 independent oxygen sensors. The measured values of these sensors will neither be analysed nor controlled from the Kiss system. It is the divers responsibility to control, check and operate the system manually.



FEATURES

- for dives in closed circuit mode
- non magnetic
- for use with pure oxygen in combination with diluent gas (air, trimix)
- standard version with 3 oxygen sensors and Shearwater Predator Procto
- Hydrogome CMF constant mass flow O2 valve (kiss style valve)
- back mounted
- equipped with a complete BCD with Air II power inflator
- modified with V4Tec Adapter and Backplate
- independent bail-out system with CFK cylinder with stainless steel liner



TECHNICAL DATA

Basic unit

Function principle

Operating depth
Sodalime

O2 Sensors
Computer
Dimensions
Weight

Oxygen cylinder
Diluent cylinder

closed circuit with O2 constant mass flow and lung demand valve
CO2 absorption in a re-fillable canister

0 - 80 msw
Sofnolime MO797 Grade 1-2,5 or
DiveSorb Pro, ca. 2,3 kg per filling
3 pieces

Shearwater Predator Procto
length 520mm, width 500mm, depth 235mm
in air - approx. ca. 21 kg with CFK cylinder
- approx. ca. 25 kg with steel cylinder
in water ready to dive - neutral

2,0 Liter CFK with stainless steel liner or steel
2,0 Liter CFK with stainless steel liner or steel

