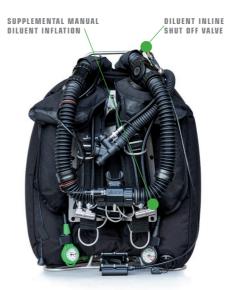


TECHNICAL SPECIFICATIONS - JJ-CCR Rebreather DiveCAN CE + additional information (International)

Dimensions	70cm x 40cm x 26cm	ncluding the handle		
Weight	34.2 kg – Ready for operation with 2 x 3 litre tanks $19.8 kg$ – Without tanks and soda lime			
Soda lime canister	Type: Soda lime: Running time:	Axial Average 2.5kg (Sofnolime 797) 180 min with dive profile (40 m) 180 min with dive profile (100 m)		
	Dive profile: (40 m)	40 min at 40 m, 5 min at 15 m, 9 m for the remaining time		
	Dive profile: 10 min at 100 m, 1 min at 39 m, 1 min at 39 m, 1 min at 36 m, 2 min at 33 m, 2 min at 30 m, 2 min at 27 m, 3 min at 24 m, 4 min at 21 m, 4 min at 18 m, 6 min at 15m, 7 min at 12 m, 10 min at 9 m, 6 m for the remaining time			
	Test parameter:	40l/min air, 1.6l/min CO2, 4°C water temperature		
	Used diluent:	40 m - Air 100 m - Trimix 11/65		
Soda lime	The only supported soda lime is: Sofnolime® 797 manufactured by Molecular Products.			
Oxygen Cylinder	3 Liter steel cylinder (200 bar)			
Diluent Cylinder	3 Liter steel cylinder (200 bar)			
On board gas duration	Oxygen: The on board oxygen supply will last 252 minutes, if the diver consumes 1.78 liter of oxygen per minute.			
	3 liter x 200 bar = 600 liter - 25% reserve = 450 liter			
	Diluent: The duration depends on the depth and activity of the diver.			
	3 liter x 200 bar = 600 liter			
Batteries	2 x 3.6v lithium (SAFT 14500). One battery for the controller and one battery for the HUD.			
	2 x 9v block lithium (Parallel operation for the solenoid)			
Volume of the counter lungs	8 litres			
Maximum application depth	Max. 40 m with air as diluent Max. 100 m with trimix as diluent			
	Warning: Dives exceeding a depth of 100 m are associated with numerous additional risks			
Purity of the gases	Air: Oxygen: Helium:	DIN EN 12021 >99.5% (medicinal oxygen) >99.996		
Atmospheric pressure range	800 – 1050mbar			
1st stage "oxygen"	Connection: M26x2 - medium pressure: 7.0 to 7.5 bar (CE-edition)			
1st stage "diluent"	Connection: DIN 5/8"-	medium pressure: 9.0 to 10.0 bar		

(International-edition)

Oxygen control	Two oxygen setpoints (low and high). Can be switched as many times as required, also changeable under water.		
Oxygen setpoint range	From 0.4 to 1.5 bar (low and high)		
Oxygen warnings	Low 0.4 bar High 1.6 bar		
Oxygen sensors	3 galvanic cells (type: R17JJ-CCR)		
Operating temperatures	When diving: Short-term (air): Long-term (storage)	+4°C to +34°C -10°C to +50°C +5°C to +20°C	



JJ-CCR Rebreather DiveCAN
CE Edition 2014



JJ-CCR Rebreather DiveCAN
International Edition 2014



JJ-CCR Rebreather DiveCAN



Controller built on the Shearwater Petrel