

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

Dimensions	70cm x 40cm x 26cm including the handle	
Weight	34.2kg – Ready for operation with 2 x 3 litre tanks 19,8kg – Without tanks and soda lime	
Soda lime canister	<p>Type: Axial Soda lime: Average 2.5kg (Sofnolime 797) Running time: 180 min with dive profile (40 m) 180 min with dive profile (100 m)</p> <p>Dive profile: 40 min at 40 m, 5 min at 15 m, 9 m for the remaining time</p> <p>Dive profile: 100 m: 10 min at 100 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</p> <p>Test parameter: 40l/min air, 1.6l/min CO₂, 4°C water temperature</p> <p>Used diluent: 40 m - Air 100 m - Trimix 11/65</p>	
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	<p>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</p> <p>Diluent: The duration depends on the depth and activity of the diver. 3 liter x 200 bar = 600 liter</p>	
Batteries	<p>2 x 3.6v lithium (SAFT 14500). One battery for the controller and one battery for the HUD.</p> <p>2 x 9v block lithium (Parallel operation for the solenoid)</p>	
Volume of the counter lungs	8 litres	
Maximum application depth	<p>Max. 40 m with air as diluent Max. 100 m with trimix as diluent</p> <p>Warning: Dives exceeding a depth of 100 m are associated with numerous additional risks</p>	
Purity of the gases	<p>Air: DIN EN 12021 Oxygen: >99.5% (medical oxygen) Helium: >99.996</p>	
Atmospheric pressure range	800 – 1050mbar	
1 st stage "oxygen"	Connection: M26x2 - medium pressure: 7.0 to 7.5 bar	(CE-edition)
1 st stage "diluent"	Connection: DIN 5/8" - medium pressure: 9.0 to 10.0 bar	
1 st stage "oxygen"	Connection: DIN 5/8" - medium pressure: 7.0 to 7.5 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: +4°C to +34°C Short-term (air): -10°C to +50°C Long-term (storage): +5°C to +20°C	

SUPPLEMENTAL MANUAL DILUENT INFLATION DILUENT INLINE SHUT OFF VALVE



JJ-CCR Rebreather DiveCAN
CE Edition 2014



JJ-CCR Rebreather DiveCAN
International Edition 2014



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Controller built on the
Shearwater Petrel