

Specifications

- 5" (127 mm) dia x 13" (330 mm) tall
- 20.2 lb (9.2 kg) without cylinders or scrubber material

Heads

- No batteries inside head eliminates the possibility of toxic chemicals in breathing loop
- Fully potted and submersible head eliminates the possibility of corrosion on sensitive life-support equipment
- Splitter/isolation board allows two devices to monitor oxygen sensors
- Coax (SMB) connectors on oxygen sensors eliminates fragile Molex connectors
- **NEW** removable coax (SMB) sensor cables eliminate damage to sensors during installation
- Minimal head space reduces static loop volume
- Gas addition in exhale head insures proper gas mixing in scrubber before it reaches sensors and diver
- **NEW** Quick disconnect bayonets on head simplify assembly and disassembly

Breathing Loop

- Backmounted counterlung provides excellent work of breathing (WOB) in all positions while keeping frontal area free of clutter for stage bottle mounting and minimizing diver's profile.
- **NEW** ACME threads on counterlung ports for improved assembly and disassembly
- OPV in counterlung acts as a water dump and allows diver to dewater unit if needed.
- DSV with quick disconnect bayonets allow for easy cleaning and inspection of one-way valves
 - › Optional Shrimp BOV allows for rapid bailout without removing mouthpiece

Scrubber

- 4.8 lb (2.2 kg) dual axial scrubbers
- Removable and swappable scrubber baskets
- Black Amalgon canister insulates scrubber 400 times better than aluminum
- Latchless head, canister and bottom streamlines profile

Dual MAV/Needle Valve

- Needle valve incorporates the simplicity of a constant mass flow (CMF) orifice without the IP adjustment issues or the risk of blockage from debris.
- 316 SS Swagelok needle valve for precise flow
- Fully recessed manual oxygen addition button prevents unwanted oxygen addition
- Non depth compensated Apeks DS4 1st stage with stronger spring allows for adjustment from 200-290 psi (14-20 bar) IP for 400-600 fsw (122-183 msw) maximum depth.
- Fully recessed manual diluent addition button prevents unwanted gas addition
- Female QC-6 plugs into offboard bailout/diluent
- Bypass port routes gas directly to optional BOV

PO2 Monitoring

- Shearwater Petrel 3 or NERD 2 primary PO2 monitor
- FATHOM Heads Up Display (HUD) secondary PO2 monitor
 - › Auto dimming
 - › Battery voltage on start-up
 - › Visual alarm
 - › **NEW** removable display on 5-pin AK cable

FATHOM Gemini CCR (includes the following)

- Latchless heads, canister, and bottoms
- 4.8 lb (2.2 kg) dual axial scrubbers
- 4.5 or 6 L backmounted counterlung
- Dual MAV/needle valve with QC-6 offboard gas connector
- Apeks DS4 oxygen first stage with OPV
- Delrin cap & stronger spring in oxygen first stage
- 35 bar/510 psi WP hoses, viton o-rings & 316 SS hardware
- 3 oxygen sensors
- Dwyer flow meter
- 4-pin AK cable for primary PO2 monitor
- **NEW** removable HUD on 5-pin AK cable
- **NEW** Fathom DSV

\$7,295

Options

- Shearwater Petrel 3 with 4-pin AK \$1,575
- Shearwater NERD 2 with 4-pin AK \$2,095
- Shearwater Swift Transmitter \$400
- Shrimp BOV \$600
 - › 30" regulator hose
 - › 110 degree hose connector
- Faber 2L with valve \$338
- Razor 4 Sidemount System Basic \$739

Spares & Extras

- O-ring kit \$39
- Spares kit (includes the following) \$154
 - › Oxygen sensor
 - › Mushroom valve
 - › Loop hose
 - › LS14250 SAFT battery
- Stretch hose covers, pair \$36
- 2L mounting kit \$47

*All prices are in US dollars.