

**UNDERWATER SUPPORT TECHNOLOGIES****SIVA +  
Underwater Mine  
Countermeasures (MCM)  
Diving Apparatus**

- Semi-closed circuit operations to 95 metres.
- Pneumatic gas mixing for constant PPO2 - no electronic controls.
- Fully closed circuit O2 to 8 metres.
- Diver maintainable.
- Non-magnetic and acoustically safe configuration to strictest NATO specifications.
- Quality Control certified to ISO 9001.
- In service with Navies world-wide; proven from the Arctic to the Equator.

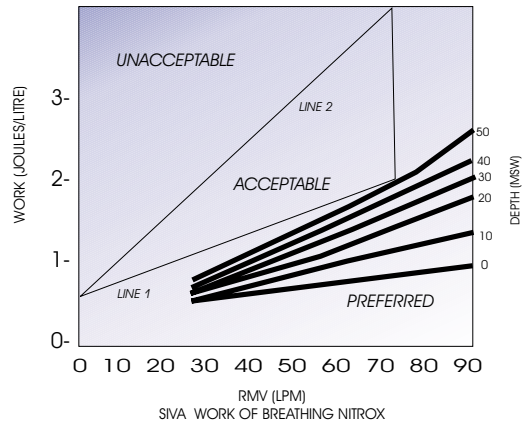
**APPLICATIONS**

The SIVA + is a self contained rebreathing apparatus developed specifically for underwater MCM and covert closed-circuit O2 operations.

**FEATURES**

- Dual mode - Semi-closed or closed circuit.
- Field maintainable by divers - factory maintenance not required.
- Finger tight fittings - Yoke or DIN charging connections.
- Low volume cartridge style scrubber - 4 hour at 0°C.
- Fits variety of face masks.
- Counterlung is impervious to UV radiation, rot, mildew and hydrocarbon fuels.
- On the surface, diver is supported in a face-up position.





Guidelines for the Evaluation of Breathing Apparatus for use in Manned Underwater Operations in Petroleum Activities - Norwegian Petroleum Directorate/Department of Energy (UK) (Den) 1991; ISBN 82-7257-308-3

#### Technical Data:

Depth: 95 metres      Semi-Closed Constant PPO2 Mixed Gas.  
 Duration: Mixture Dependent - Max. of 4 hours.  
 Dimensions: Length: 61 cm.  
                   Width: 37 cm.  
                   Depth: 19 cm.  
 Weight: <32 kg. dry weight; Neutral in seawater.  
 Gas Control: Constant mass flow of oxygen mixed with variable flow of diluent proportional to depth. Includes manual bypass valve.

#### Accessories and Optional Equipment:

- SIVA 55 Conversion kit. (converts from SIVA+ to SIVA 55).
- Calibration instruments in high impact cases.
- Low Magnetic tool kit.
- High Impact transit case or nylon carry-all bag.
- Maintenance spares kit.
- Supplementary gas flask assembly for extended operations or bailout.
- Underwater quick connector for external gas supply.
- SIVA Buoyancy compensator kit.
- Lightweight Surface Supply Kit (for non-magnetic surface supplied diving).

Please consult factory for more detailed technical data, options, accessories and custom features available to suit specific customer requirements.

**CARLETON**

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