

Underwater Mine Countermeasures (MCM) Diving Apparatus

- Semi-closed nitrox operation to nominal 55 metres
- Quality control certified to ISO 9001
- Diver Maintainable.
- Fully closed O₂ to 8 metres.
- Non-magnetic and acoustically safe configuration to strictest NATO specifications.



- Low Profile
- May be upgraded to fully closed circuit electronic gas mixing for 100 metre operations.



Features:

- Dual mode - Semi closed or closed-circuit
- Automatic (demand) and constant mass flow gas injection.
- Field maintainable by divers - factory maintenance not required
- Finger tight fittings and DIN charging connections
- Low volume cartridge style scrubber - 4 hours at 0°C
- Fits variety of face masks
- Counterlung is impervious to UV radiation, rot, mildew and hydro-carbon fuels
- On the surface, the diver is supported in a face-up position.

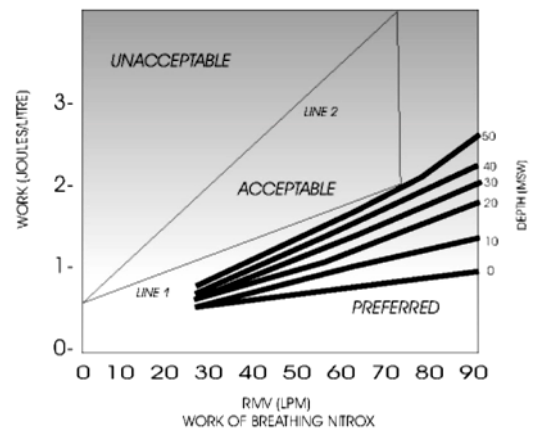
Applications

The SIVA VIPER is a low profile, self-contained back mounted rebreathing apparatus developed especially for MCM and covert operations.

Technical Data:		
Depth:	0-55 metres	Semi-closed Mixed Gas (subject to local regulations)
	0-100 metres	Electronic Controlled Closed Circuit Operation
Duration:	Max. 4 hour canister duration Mode/mixture dependant	
Dimensions:	Length:	500 mm
	Width:	190-400 mm
	Depth:	190 mm
Weight:	<22 kg dry weight Neutral in sea water	
Gas control:	Constant mass flow of oxygen mixed with variable flow of diluent proportional to depth. Includes manual bypass valve	

Accessoires and Optional Equipment:

- Conversion kit to fully closed electronic version
- 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 bail-out
- SIVA Buoyancy compensator kit.
- Lightweight Surface Supply kit (for non-magnetic surface supplied diving.
- Counterlung demand valve (automatic by-pass)
- Underwater quick connector for external gas supply



Hyperbaric Technology B.V.

Blik 16 - 4941 SG - Raamsdonksveer - The Netherlands
 ☎ +31 (0)162 522202 ☎ +31 (0)162 519069
 ✉ hytech@hytech.nl 🌐 http://www.hytech.nl