

Military Diving Equipment & Diver Support Systems

CAPABILITY SHEET - CERTIFIED SETS, FIELD GAS ENGINEERING & THROUGH-LIFE SUPPORT

THE SPLIT THAT ORGANISES EVERYTHING

THE ONE IDEA	A diving set is certified equipment. Keeping divers diving is engineering. The split decides who does what - and being plain about it is a credential.
THE CERTIFIED HALF	Open-circuit sets to the EN 250 class and closed or semi-closed modular rebreathers, from licensed makers. Supplied and supported - never badged.
THE ENGINEERING HALF	Field charging, gas boosting, analysis, containment, test benches and records. The same discipline as a shore plant, packaged to travel.

WHY REBREATHERS

THE LOOP	Exhaled gas passes a carbon-dioxide scrubber; oxygen is added as the body uses it. Long duration from small cylinders, and few or no bubbles.
THE PHYSICS	Pure-oxygen units stay shallow, because oxygen turns toxic as depth grows. Mixed-gas units carry the diver deeper. The manuals hold the tables.
THE CONDITION	A rebreather is a life-support loop. The analyser, the boosters and the service bench are conditions of using it, not accessories.

THE FIELD GAS CHAIN

CHARGE	Portable LP and HP breathing-air compressors fill cylinders to breathing quality away from base. Air quality is measured in the gas, never assumed.
BOOST AND PROVE	Boosters move oxygen and mixes into small cylinders. Analysers prove the mix - the diver breathes what the analyser said, not what the label said.
CONTAIN	Anti-deflagration containers for charging and storage. A charged cylinder is stored energy; containing it is engineering, not an accessory.

THROUGH LIFE & ENGAGEMENT

PROOF PATTERN	Clause-by-clause compliance, a sample set proven in the force's own field trials, and compatibility certified against equipment already held.
SHELF LIFE	Rubber ages by the calendar, not by use. Per-serial records, calendar-based inspection, and joint defect investigation through warranty and shelf life.
ENGAGEMENT	Tell us the divers, the missions and what the force already holds, at sales@neometrixgroup.com .

DEFENCE PROGRAMMES DESK

sales@neometrixgroup.com · +91 7777 876 876 · neometrixgroup.com

Neometrix Defence Limited · E-148, Sector 63, Noida, Uttar Pradesh, India