

Medical Equipment Kits



Introduction

Medical Equipment Kits are supplied with all the medical equipment required to comply with DMAC 015. Two options are available to suit individual requirements.

ROMS - Roll Out Medical System Option A

Part No. SE103

Labelled pouches deployed on a water-resistant rucksack which can be hung via magnets on the side of a chamber/container. Pouches designed to be quickly identified in an emergency situation. In Saturation, they can be rapidly detached and passed through the med-lock.



Aftercare

Optional aftercare can be added ensuring expiry dates are monitored and alerts can be given for re-purchasing.

Key Features



Hung via Magnets



Rapid Remove Pouches



Water Resistant Rucksack

Specification

Hardwearing, durable reinforced material

Padded shoulder straps with quick release buckles

Removable labelled pouches secured with velcro

Dimensions (mm) - 500 x 400 x 310 (when closed)

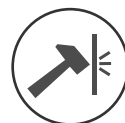
Segmented Peli-Case Option B

Part No. SE115

Medical Equipment is divided into individually labelled medical pouches, providing rapid access to the relevant equipment in the event of an emergency. The waterproof and durable peli case is the ideal storage solution and can be easily transferred between dive sites.



Key Features



Impact Resistant



Rapid Remove Pouches



Waterproof

Specification

Water resistant labelled pouches

Polyethylene impact resistant peli style case

Pouch for Medical Aide memoire

Dimensions (mm) - 816 x 540 x 436

Saturation Medical Kits



Introduction

The Bell Medical Kit/Chamber Kit and the HES Medical Kit are part of the complete DMAC 015 Kit for saturation diving and should be readily available for rapid use.

Storage

Both kits are provided in a rugged and watertight Peli-case fitted with a 2-way pressure relief valve suitable for storage within hyperbaric environments.

Dimensions (mm): 420 x 320 x 170.

Bell Medical / Chamber Kit

Part No. SE106 / SE107

This equipment should be available for rapid use in each living chamber of a saturation system, diving bell and air diving chamber.

Hyperbaric Evacuation System (HES) Kit

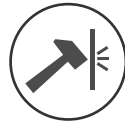
Part No. SE108

The HES kit should be readily available within every Hyperbaric Lifeboat.

Anti-diarrhoeal preparations and fluid replacements are available separately.



Key Features



Impact Resistant



Waterproof Peli-case

Specification

	Bell / Chamber Kit	HES Medical Kit
Arterial tourniquet	1	1
Polythene bags	3	3
Resuscitation mask and shield	1	1
Oropharyngeal airway size 3 & 4	2	2
Tuf cut scissors	1	1
Medium dressing	1	1
Large dressing	1	1
Triangular bandages	2	2
Roll of 1 inch adhesive tape	1	1
Crepe bandages - 3 inch	2	2
Hand operated suction pump	1	1
Watertight Bag	1	1
Suction catheters: sizes 12 & 14	1	2
Adult adjustable cervical spine collar	1	1
Non-sterile gloves	2	2
Space blankets	2	2
Sealable vomit metabolic waste bags	-	100

Defibrillator



Defibrillator for Air Diving Sites

Part No. SE109

The HeartSine Samaritan PAD 350P is a robust, lightweight, compact and portable external defibrillator as part of DMAC 015 Kit for air diving.

Designed for use by all skill levels, the samaritan PAD is a completely self-contained unit with no lid to open, or complex displays or controls.

The Defibrillator is not suitable for use in hyperbaric environments.

Specification

Rugged and durable
Real-time CPR feedback provides the rescuer with verbal and visual instructions
Integrated Metronome prompts CPR chest compression rate
USB data port
Adjusts to patient impedance to maximise effective shock delivery
10 year warranty
Contains batteries and pads

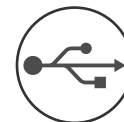
Key Features



Real-time CPR advisor



Integrated metronome prompts



USB data port



Oxygen Kits



Short Duration Oxygen Kit

Part No. SE111

This portable oxygen resuscitation set is provided in a rugged, compact and impact protected Pelicase ideal for transporting around dive sites.

Estimated duration at a flow of 10Ltr/m is approx. 34 minutes.

Specification

3lt oxygen cylinder
Oxygen administration free-flow regulator and face mask
Watertight Pelicase storage
Pressure protected by relief diaphragm

Key Features



Duration



Free flow valve



Long Duration Oxygen Kit

Part No. SE110

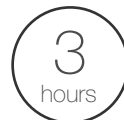
This portable oxygen resuscitation kit is mounted in a Pelicase for easy transport and storage.

Estimated duration at a flow of 15Ltr/m is approx. 3 hours.

Specification

10lt oxygen cylinder
Oxygen administration free-flow/demand-valve regulator and face mask
Rugged, water tight Peli-case storage
Small first aid kit
Resuscitation face mask with one-way valve

Key Features



Duration



Free flow valve



Waterproof Peli-case



Contents may vary from image shown

Ventillator



Introduction

The NHC supplies the only ventilator known to work in saturation conditions. This mechanical system can be purchased or rented complete with a service contract.

Training is available through the National Hyperbaric Centre.

Key Features



Suitable for use in saturation



Interchangeable bellows



Specification

Detachable valved bellows unit operated by a pneumatic driving unit

Interchangeable bellows for use with adult, paediatric and neo-natal ventilation

Valves are easily changed to control infection and ensure a sterile unit

Re-breathing circuits can be added

Ultra-low consumption electronics powered by an internal battery

Inspiratory time display

Expiratory time display

Breaths per minute display

Pressure Fault alarm - visual and audible alarm of disconnection or malfunction

All cables and attachments included

Confined Space Stretcher



Introduction

Due to its practical design, this stretcher is perfect for casualty extraction from confined spaces.

The approved design of worldwide authorities, including NATO, this compact and versatile stretcher can be used for both horizontal and vertical lifting – making it ideal for search and rescue operations involving confined spaces.

Key Features



Quick and easy to use



Horizontal or vertical lifting



Wipe-clean surface

Specification

Compact and portable when folded in half
Quick and easy to use
Centre unlocks and bends for use in awkward spaces
Colour coded straps to secure the chest, arms, thighs and lower legs
Three point, non-slip forehead strap
Figure of eight strap to secure the feet
Integral side handles clip out of the way when not in use
Detachable wipe-clean flaps to enhance infection control
Horizontal or vertical lifting

Dimensions

Length (deployed): 1820mm
Width (deployed): 250mm
Width (folded in valise): 270mm
Weight: 16kg
Max Load: 136kg



D-MAS HyperSAT



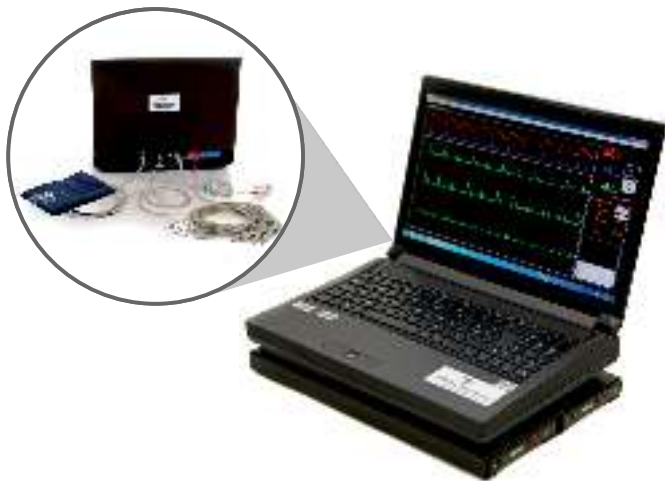
Introduction

The D-MAS HyperSAT is a medical monitoring solution for Saturation Diving and Hyperbaric Chambers.

From within the chamber, D-MAS HyperSat measures the diver's vital signs. This information can be transmitted from inside the chamber wirelessly to a specialist doctor onshore, who provides expert medical advice in real-time.

Pressure tested in Heliox to 450msw;
and in elevated Oxygen to 18msw (verified by DNV).

Compliant with OGP 411 (Appendix 8) and DMAC 028.



Delivered within a custom built peli-case for safe and easy transportation



Key Features

450
msw

Pressure tested in Heliox

18
msw

Elevated oxygen verified by DNV

DMAC
028

Compliant with DMAC 028

Specification

Blood pressure management

Resting ECG (12-Channel) analysis

Extended ECG Analysis

Pulse co-oximetry (SpO2) using Masimo SETT technology

Core temperature management

Digital Imaging

Optional Functions

A range of digital video scopes for mouth, throat, ear and skin

Spirometry and Audiometry modules



Medical monitoring within the chamber



Real time transmission to onshore doctor