

Dräger DECOM Stationary decompression chamber

Designed as a decompression and treatment chamber, the Dräger DECOM presents an effective solution and is our most compact stationary decompression chamber.



THE EFFECTIVE SOLUTION

The Dräger DECOM provides maximum functionality with compact dimensions. Even in its basic version, it ensures reliable compression and decompression, and allows medical treatment of divers.

The main chamber has space to accommodate up to six people. Two versions of the Dräger DECOM are available, with different external dimensions.

Because all Dräger stationary decompression chambers are split into an ante and a main chamber, medical personnel and equipment can easily be brought in and out without interrupting the therapy process. When injured divers need to be transferred under pressure from mobile decompression chambers, the connection flange which is equipped as standard (and conforms to DIN/NATO standards) means that this can be done without delay.

CENTRAL CONTROL OF ALL FUNCTIONS

The control panel, which is situated on the side of the chamber, contains all relevant instruments such as depth and flow meters, valves, pressure gauges, intercom system and measurement facility for gas analysis. The central positioning makes it easier to maintain an overview of and to control the situation. A telephone requiring neither batteries nor mains power, and three windows allow communication with those inside the chamber. The medical lock is fitted as standard to the Dräger DECOM, as is the Dräger hyperbaric fire extinguisher.

The use of high quality, robust materials and certified manufacture in accordance with the most stringent safety regulations ensures a long service life for all Dräger decompression chambers.



D-1358-2009

Dräger DECOM –
allows injured divers to be transferred under pressure from a mobile decompression chamber.



D-1359-2009

Dräger DECOM –
spacious and well-equipped.

EQUIPMENT OPTIONS

An extensive range of accessories and a variety of equipment options allow the unit to be equipped or retrofitted to the customer's requirements:

- extended supply of compressed air and oxygen
- delivery of additional breathing gas mixtures (Heliox) via inbuilt breathing system
- air conditioning or heating system
- CO₂ absorption system
- choice of operating pressure, depending on application, between 5.5 bar and 11 bar
- fire extinguishing system conforming to DIN 13256-3
- video surveillance system by means of CCTV

TECHNICAL DATA**Dräger DECOM decompression and treatment chamber**

Model	Internal diameter (mm)	Height (mm)	Volume (litres)	Weight (max.) kg	Operating pressure (bar)	Gas supply / storage (in 50 L cylinders)
Dräger DECOM 1400	1,380	1,600	4,200	3,600	5.5	120,000 NL Air @ 300 bar 20,000 NL O ₂ @ 200 bar
Dräger DECOM 1500	1,480	1,700	6,130	3,800	5.5	120,000 NL Air @ 300 bar 20,000 NL O ₂ @ 200 bar

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