

## Dive Control

OSI01C

### General description

The dive control is built in a 12 x 9ft DNV 2.7-1 container. The original unit was built in 2012. The unit is insulated and has air-conditioning and heating. There is a 3 diver air- and a 3 diver nitrox diving panel installed.

### Main data

<b>Length</b>	3661 mm
<b>Weight</b>	2764 mm
<b>Height</b>	2700 mm
<b>Weight</b>	Approx. 5500 Kg
<b>Power requirements</b>	380-480 50/60 Hz 10 KVA 32A 3P+PE

### Technical description

The unit has 16 x 50 litre @ 200 bar cylinders for the 6 separated air supplies to the air panel. An HP air filling point is provided. There are 6 nitrox supply connection points, 2 for each nitrox diver.

A 4- camera video system with text overlay and recording (4Gb) is installed for diver camera use and depth recording. 2 Amron simulcom dive communication, 8 channel black-box video/audio recording and 8 monitors for diver, splash zone, deck camera, DDC and survey. Clearcom for communication to the relevant areas.

Back-up electrical power is provided by two 1000Va UPS systems, one for diving, and one for additional equipment. Diver communication has its own battery back-up. An automatic emergency light is installed.

The dive control unit comes with the following additional equipment:

- 3 or 4 umbilical racks of 1200 x 800 x 1950, each with 150 meters of Fibron umbilicals consisting of a FBL06 Gas hose, FBL04 Pneumo hose, DCS001 comms cable, and DCS0013 video- and depth cable.
- 3 or 4 Kirby Morgan 37 diving helmets with Novasub video camera, light and depth sensor.

