



MEDICAL OXYGEN SYSTEMS

IMO IMDG/MFAG REGULATED SOLUTION ↓

Survitec's Medical Oxygen Systems meet the latest IMO IMDG/MFAG regulations for shipboard use to supply Oxygen to two persons at the same time. Three alternative solutions are available, bedside, outside and Norwegian which meet the IMDG/FMAG amendment, some flag states require the cylinder to be installed outside the hospital and some require the safety valve outlet from the regulator to be lead to open air by piping.

In the IMO Bedside solution, the oxygen cylinder is placed between two beds, mounted against the bulkhead with the cylinder rack. The regulator with a fixed flow of 50L/min, is mounted on top of the cylinder and the rail is mounted on the bulkhead. The double oxygen outlet is fixed to the rail and the hose is connected to the regulator. Two flow meters, with quick connections, are placed in the double oxygen outlet, which enables the oxygen flow to be regulated between 0-12L/min. A humidifier is connected to each flow meter and this has a disposable oxygen therapy mask attached to it.

The IMO Outside solution, has the oxygen cylinder placed in the cylinder rack and can either be mounted directly on the bulkhead or in a cabinet. The gas is piped through to the ships Hospital and the internal equipment is as described above.

Whereas the IMO Norwegian solution has the cylinder fitted as described by the IMO Bedside solution, however the regulator is built to fit a pipe onto the safety valve of the regulator, which needs to be led to open air, the internal equipment is as described above.

FEATURES

- ALL EQUIPMENT IS SUPPLIED IN ONE BOX READY FOR EASY INSTALLATION, INSTALLATION INSTRUCTIONS ARE ALSO INCLUDED
- INSTALLATION CAN BE COMPLETED WITHOUT ANY TROUBLE DURING A VOYAGE AND CAN EASILY BE PERFORMED BY THE CREW
- COMPATIBLE WITH MEDOX MEDICAL OXYGEN CYLINDERS
- ALL EQUIPMENT IS AVAILABLE THROUGH OUR EXTENSIVE NETWORK
- FUTURE SERVICE IS SUPPORTED BY OUR SERVICE ORGANISATION INCLUDING REPLACEMENT OF COMPONENTS



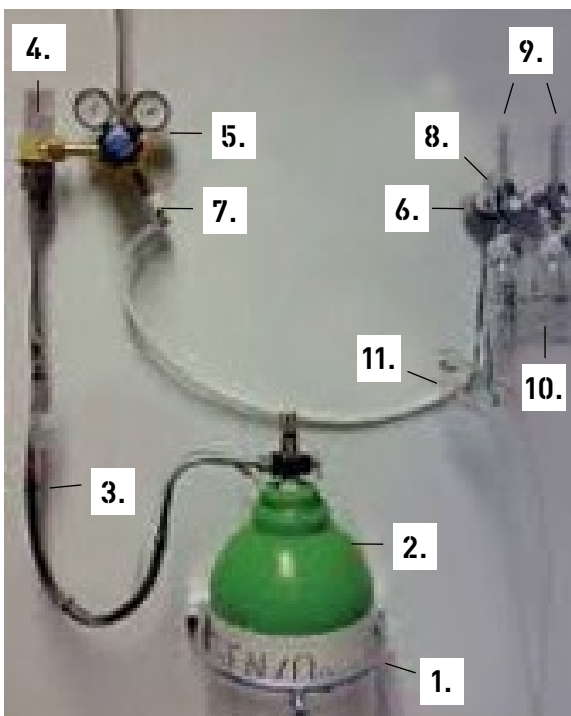
Three alternative solutions are available, bedside, outside and Norwegian which meet the IMDG/FMAG amendment.

MEDOX SYSTEM

NORWEGIAN SOLUTION ↓

FEATURES

- PISS VALVE (PIN INDEX SAFETY SYSTEM) CONNECTION
- COMPLETE INSTALLATION INSTRUCTIONS
- EASY INSTALLATION
- TWO SEPARATE FLOW METERS ALLOW FOR INDEPENDENT FLOW RATES TO EACH PATIENT



REQUIRED FOR VESSELS WITH

NOR/NIS flag

Isle of Man flag

TECHNICAL DATA

Dimensions	350 x 350 x 550 mm
Weight	10.2 kg

Ordering Information

PRODUCTS	
Product Number	Product Name
653295	Norwegian Medical Oxygen System IMO (Excluding Cylinder)

Accessories

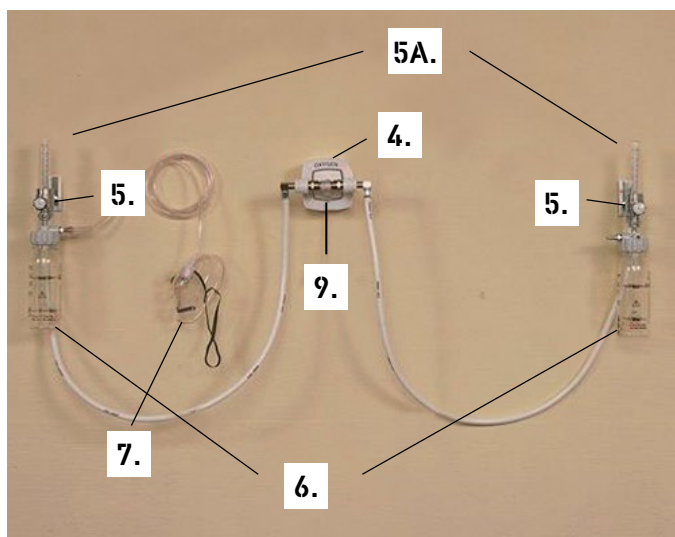
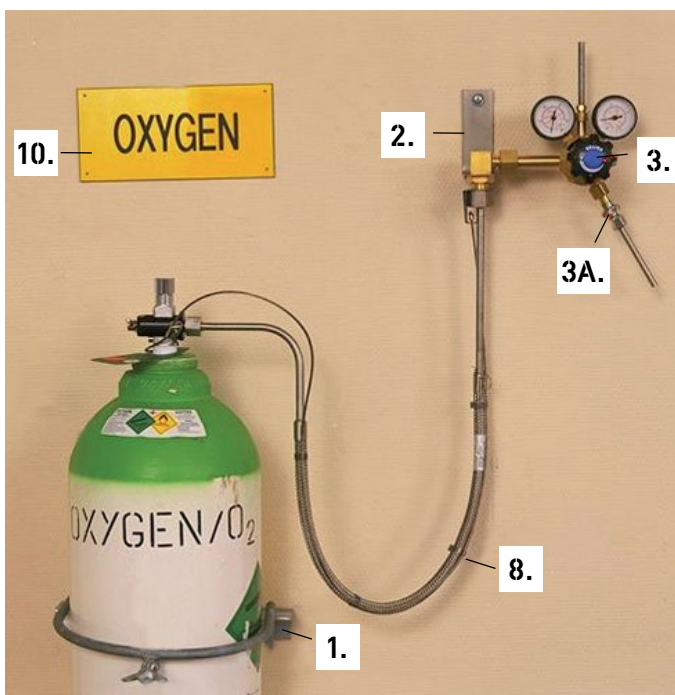
PRODUCTS		
Product Number	Product Name	Position
320358	Rack for 1 Cylinder	1
905617	Breathing Oxygen Mox-40 Filling	2
625038	High Pressure Oxygen Hose	3
596221	Adaptor with Bracket	4
510021	Regulator 520 Oxygen Pressure 0 - 10 bar	5
608406	Double Outlet for Rail Mounting	6
653287	Quick Coupling Oxygen to G 3/8"	7
596403	Rail 1-Slit	8
596379	Flowmeter for Gas Outlet 0-12 L/min	9
596361	Humidifier 0.25 L	10
610188	Oxygen Therapy Mask Disposable (10 Pack)	11
763581	Oxygen Medical Sign	N/A

MEDOX SYSTEM

OUTSIDE SOLUTION ↓

FEATURES

- PISS VALVE (PIN INDEX SAFETY SYSTEM) CONNECTION
- COMPLETE INSTALLATION INSTRUCTIONS
- EASY INSTALLATION
- TWO SEPARATE FLOW METERS ALLOW FOR INDEPENDENT FLOW RATES TO EACH PATIENT



Ordering Information

PRODUCTS	
Product Number	Product Name
610253	Outside Medical Oxygen System IMO (Excluding Cylinder)

Accessories

PRODUCTS		
Product Number	Product Name	Position
320358	Rack for 1 Cylinder	1
596221	Adaptor with Bracket	2
510021	Regulator 520 Oxygen Pressure 0 - 10 bar	3
682435	Adaptor 8 mm >3/8" Bsp	3A
596445	Gas Outlet Mc 70 O ²	4
596403	Rail 1-Slit	5
617886	Flowmeter for Rail Mounting 0-15 L/min	5A
596361	Humidifier 0.25 L	6
610188	Oxygen Therapy Mask Disposable (10 Pack)	7
625038	High Pressure Oxygen Hose	8
606124	T-Piece with Oxygen	9
763581	Oxygen Medical Sign	10
638387	Cabinet for 1 IMO Medox Cylinder	N/A

REQUIRED FOR VESSELS WITH
Dutch flag

TECHNICAL DATA	
Dimensions	350 x 350 x 550
Weight	11.2 kg

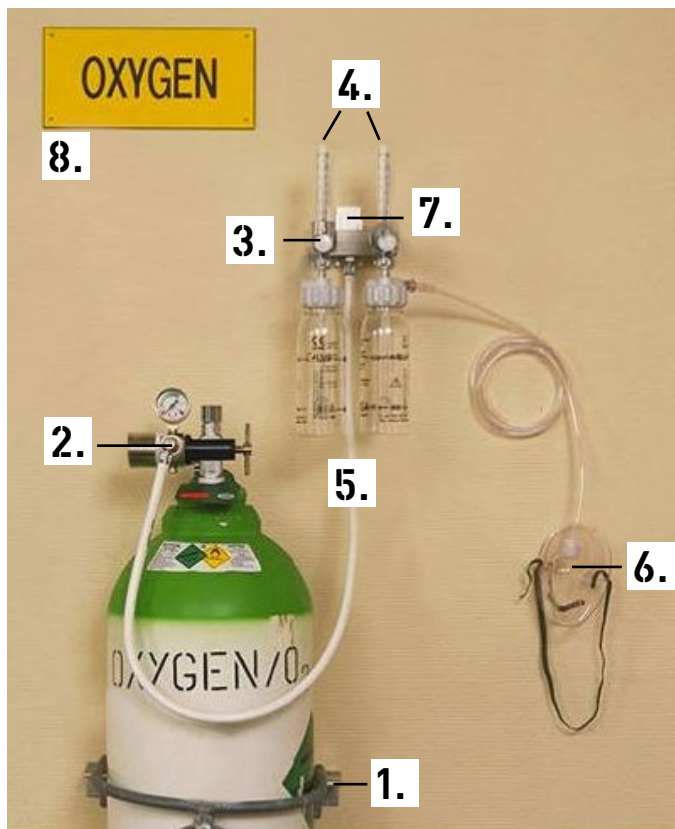
*Accessories listed in numerical order according to diagrams above

MEDOX SYSTEM

BEDSIDE SOLUTION ↓

FEATURES

- PISS VALVE (PIN INDEX SAFETY SYSTEM) CONNECTION AS STANDARD
- COMPLETE SYSTEM SUPPLIED IN 1 BOX
- COMPLETE INSTALLATION INSTRUCTIONS
- EASY INSTALLATION
- TWO SEPARATE FLOW METERS ALLOW FOR INDEPENDENT FLOW RATES TO EACH PATIENT



Ordering Information

PRODUCTS	
Product Number	Product Name
610261	Bedside Medical Oxygen System IMO (Excluding Cylinder)

Accessories

PRODUCTS		
Product Number	Product Name	Position
320358	Rack for 1 Cylinder	1
608414	Regulator with quick coupling	2
608406	Double outlet O2. for rail	3
596379	Flowmeter for gas outlet 0-15 litres per minute	4
596361	Humidifier 0.25 L	5
610188	Disposable Oxygen Therapy Mask (10 pack)	6
596403	Rail 1-slit	7
763581	Medical Oxygen Sign	8

TECHNICAL DATA

Dimensions	350 x 350 x 550 mm
Weight	9 kg

Approvals

IMO/MFAG. Norwegian System meets IMDG/MFAG approvals



MEDOX MEDICAL OXYGEN CYLINDERS

FEATURES

- RESIDUAL PRESSURE VALVE (RPV) - RETAINS A SMALL POSITIVE PRESSURE (1-5 BAR) EVEN IF THE VALVE IS LEFT OPEN
- RPV REDUCES RISK OF MOISTURE INGRESS & BACK CONTAMINATION
- SUPPLIED NEW & PRE-FILLED WHICH ELIMINATES MAINTENANCE INTERVAL, EVERY 5 OR 10 YEARS (DEPENDING ON FLAG STATE REQUIREMENTS), FOR THE REQUIRED HYDROSTATIC TEST
- PIN INDEX VALVE CONNECTION ENSURE CYLINDER WILL ONLY CONNECT TO CORRECT EQUIPMENT AND IS FILLED WITH THE CORRECT GAS



Medical Oxygen Cylinders

Nominal pressure	Capacity	Valve type	Cylinder material
200 bar (2900 Psi)	2L	Pin Index	Steel
200 bar (2900 Psi)	5L	Pin Index	Steel
200 bar (2900 Psi)	10L	Pin Index	Steel
200 bar (2900 Psi)	40L	Pin Index	Steel

Approvals

ISO 9809-1:2019
ISO 32:1977