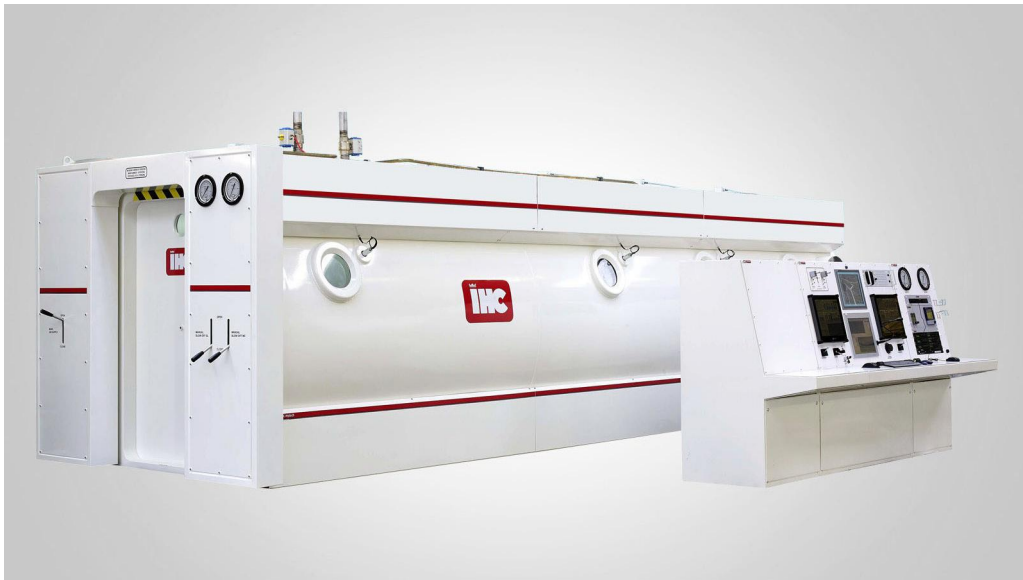


USER MANUAL P1906

HYPERBARIC TREATMENT SYSTEM

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PREFACE

ABOUT THIS USER MANUAL

This user manual provides information for the installation, operation and maintenance of the IHC Hytech hyperbaric oxygen treatment chamber.

INTENDED AUDIENCE

The information in this user manual is intended for medical professionals operating the hyperbaric oxygen treatment chamber.

CORRECTIONS AND/OR CLARIFICATIONS

During the composition of this manual much attention has been given to avoid errors and mistakes. If during the use of this manual errors or incomplete descriptions are found or if the reader considers that improvements are necessary to overcome any inaccuracies, please inform us. We appreciate any comments which will help us to improve our documentation.

For corrections and/or clarifications please contact:

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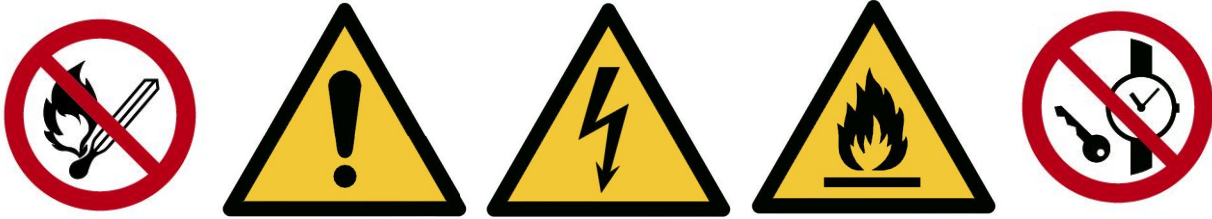
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IMPORTANT RULES

WHEN WORKING WITH OXYGEN

- Beware of oxygen enrichment
- Never use materials that are incompatible with oxygen
- Keep all parts of the oxygen system free of oil and grease
- Make sure that the area has sufficient ventilation
- Smoking, open fire and other ignition sources are forbidden
- Unused oxygen equipment must be stored in a dry and clean area
- Use plugs or caps to seal off equipment when not in use
- Use clean tools when working on oxygen equipment
- Maintain all oxygen equipment according to the directions of the manufacturer

Do not enter the chamber with any of the following items:

- Materials that have airtight spaces
- Unopened drink bottles/cans
- Flammable materials

IMPORTANT NOTES



WORK ENVIRONMENT

- The hyperbaric chamber must be installed in a clean and well ventilated room
- Keep the working area clean
- Clean the inside of the hyperbaric chamber after every use

The user/owner of the chamber is responsible for sterilisation of the medical devices after every use

EQUIPMENT USED

- Only use equipment that is suitable for hyperbaric use with CE-mark and that meets the requirements of Directive 93/42/EEC on medical devices.

FIRST USE

After installation of the hyperbaric chamber by IHC Hytech, the complete system must be cleaned for first use.

- Clean with mild soap products
- Never use aggressive cleaning products or solvents

- For disinfection, only use disinfectants approved for hospitals
- Before connecting the chamber gas supplies, check that the correct gas is used!
- Make sure that the air inlet of the compressor is free of obstacles and that the inlet air is free of pollution
- Before connecting the BIBS gas supplies, make sure that the correct breathing gas is used!

ATTENDANT & OPERATOR

- An operator must always be present at the control panel. The presence of the operator must be confirmed regularly by pressing the Operator Presence Switch (OPS)

SAFETY

- The maintenance cross-list is leading at all times, unless safety is at stake

1.1 INTRODUCTION

This user manual is meant for those who work with the HYOT and for those who perform minor maintenance and repairs. The manual contains the information needed to operate the HYOT. This user manual does not contain any information on medical issues that might occur.

The operator using the HYOT should have adequate knowledge of decompression procedures, dive tables and the effects of pressure and different breathing gases on the human body.

We strongly recommend that all personnel that works with or on the HYOT has followed an operator/maintenance training provided by IHC Hytech. Only qualified personnel may operate the HYOT.



NOTE

This user manual will serve as an aid for trainings provided by IHC Hytech.

The manufacturer does not accept any responsibility for damage or injuries caused by misuse of the system. Maintenance and repair may only be performed by qualified personnel.



NOTE

Any serious incident related to the device must be reported to the manufacturer and to the competent authority of the country where the system is utilised.

Assembly of the HYOT and modifications during the actual service life require evaluation according to the requirements of the IEC 60601-1.

The warnings in this user manual and the instructions on the labels applied on the HYOT must be followed at all times.

1.2 WARNING SIGNS IN DOCUMENTATION

Three types of warning signs can be found in this document.
These signs indicate possible dangers. The warning signs are:



NOTE

This indicates a situation that requires extra attention.



CAUTION

This indicates a situation that can cause severe damage to the installation and/or can result in injuries.












WARNING

This indicates a situation that can cause severe injuries or death.

1.3 WARNINGS SIGNS IN CHAMBER

According to NEN-EN-ISO 7010:2012

	No open flame: Fire, open ignition source and smoking prohibited <i>Part number: P.99.05738</i>
	No metal articles or watches <i>Part number: P.99.05730</i>
	No sitting <i>Part number: P.99.05731</i>
	Fire extinguisher <i>Part number: H.10.00310</i>
	Warning: Flammable material <i>Part number: P.99.05732</i>

	<p>Warning: pressurized cylinder</p> <p><i>Part number: P.99.05733</i></p>
	<p>Warning: Electricity</p> <p><i>Part number: H.10.00293</i></p>
	<p>Warning: Crushing of hands</p> <p><i>Part number: P.99.05734</i></p>
	<p>General warning sign</p> <p><i>Part number: P.99.05735</i></p>
	<p>Connect an earth terminal to the ground</p> <p><i>Part number: P.99.05737</i></p>
	<p>Follow operating instructions</p> <p><i>Part number: P.99.05736</i></p>
	<p>Refer to instruction manual/booklet</p>
	<p>Warning: Automatic start-up e.g. compressor</p> <p><i>Part number: P.99.02562</i></p>
	<p>Door operating only by attendant</p>