

AHA Flex V2 – innovative and unique medical hyperbaric chambers

AHA Hyperbarics GmbH has designed a completely **new version of hyperbaric chambers: AHA Flex 16 V2, AHA Flex 18 V2 and AHA Flex 20 V2.**

Our AHA Flex V2 inflatable hyperbaric chambers are unique in the world as they are designed according to EN 14931:2006, the standard for Pressure vessels for human occupancy (PVHO) which is required for all hard steel multi-place hyperbaric chambers. This standard applies to the performance and safety requirements and their associated test methods for multi-place pressure chambers designed for pressures in excess of ambient atmospheric pressure and employed in medical installations for therapeutic purposes.

AHA Flex V2 is a brand new AHA medical chamber that can operate on 2.0 bar (200 kPa) of pressure with special breathing system with over-board oxygen exhaust so that the oxygen content in the chamber does not exceed 23.5 % as per EN 14931:2006 requirement. The chamber includes also oxygen monitoring analyzer with alarm. All hyperbaric equipment is supplied with electrical power by an uninterrupted power supply system (UPS) to ensure operational safety in case of mains failure. UPS takes over the power supply to the equipment and ensures continued operation for at least 20 minutes.



AHA Flex V2 chamber, two oxygen concentrators, air compressor and UPS system

- **New breathing system with oxygen exhaust**

The oxygen content in the chamber atmosphere does not exceed 23.5 % at no point in the chamber as per EN 14931:2006 requirement. The user uses an oxygen mask which completely tightens and does not permit the exhalation of oxygen into the chamber. All exhaled oxygen is removed from the chamber through a special exhaust system.



Breathing system with oxygen exhaust



Oxygen mask with 3l bag

- **Oxygen measuring analyser with an alarm**

There is an oxygen monitoring analyser with an alarm on the chamber that measures oxygen inside the chamber during the treatment. In case the oxygen content in the chamber atmosphere exceeds 23.5 % the alarm will sound and alert the chamber operator.



Oxygen monitoring analyser with alarm

- **UPS system (Uninterruptible Power Supply)**

All hyperbaric equipment is supplied with electrical power by an uninterrupted power supply system (UPS) to ensure operational safety in case of mains failure. UPS takes over the power supply to the equipment and ensures continued operation for at least 20 minutes.



UPS system (positioned on the right side of the picture)

About the manufacturer

AHA Hyperbarics GmbH is a manufacturer of high-quality innovative hyperbaric systems. We have our subsidiaries in USA and Australia, our headquarters are in Austria and research & training center with showroom in Slovenia. We are operating under our own AHA Hyperbarics® registered trademark since 2012; the group was established in 2006.

Our hyperbaric chambers are unique and innovative, as they can operate on 2.0 ata of pressure, are inflatable and portable. They are made of special, very strong and durable, semi-transparent material that ensures safety for the user. AHA chambers are tested and certified for the usage with oxygen. They are used in health centers, private clinics, rehabilitation centers, spa, wellness, hotels, fitness, sports clubs, ...

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