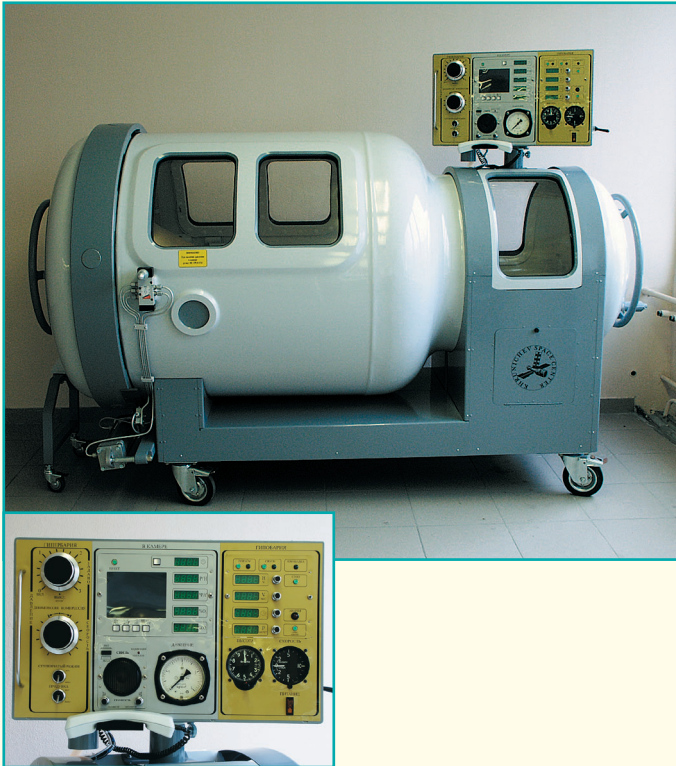


BLKS – 307 BAROCOMPLEX



The complex represents the 3rd generation barosystem (based on BLKS – 301 and BLKS – 303 predecessors) and allows realisation of hypobaric hypoxia (alpine air) treatment and hyperbaric oxygenation (HBO) treatment.

Application scope:

- Blood supply disturbances
- Wounds and wound infections
- Gastrointestinal tract deceases
- Intensive care and resuscitation
- Plastic surgery and cosmetology
- Bronchial asthma
- Metabolic disturbances
- Acute hearing disturbances
- Reproductive function disturbances
- Restorative treatments, sports medicine Acute hearing disturbances

• Due to application of integrated control system and auxiliary elements the complex allows realisation of both hyperbaric oxygenation (HBO) treatments and hypobaric hypoxia (alpine air) treatments. Besides, according to the Customer's requirements the complex can be supplied in two single mode versions (BLKS – 307/01 for HBO treatments and BLKS – 307/02 for hypobaric hypoxia treatments).

• he complex includes baro-chamber, control unit, supporting base, gurney and patient bed.

• Control unit allows monitoring of patient physiologic parameters (ECG, photoplethysmography, heart rate, SpO₂) and the of internal environment conditions (pressure, compression / decompression rate, humidity, temperature, CO₂ and O₂ levels). The complex is equipped with emergency alarm system.

• Close circuit O₂ supply system ensures high economic efficiency.

• Ability to plug in diagnostic and life support systems (lungs ventilation, infusions) allows treatment in resuscitation conditions.

• For better patient comfort the complex features:
Enlarged chamber space and better observation;
Ability to treat patients in lying, reclined or sitting position.

TECHNICAL DATA

Internal diameter (mm)	730 – 1080
Length (mm)	2300
Internal volume (m ³)	1,6
Weight (kg)	450
HBO treatment:	
• Operating pressure (bar)	0 – 3
• Compression / decompression rate (bar/min)	0,05 – 0,25
• Emergency decompression time at 3 bar (sec)	60
• Maximum oxygen flow rate per one hour of treatment (m ³)	9
Hypobaric hypoxia treatment:	
• Oxygen concentration (%)	21 – 13,6
• Operating pressure (bar)	-0,5
• Compression / decompression rate (m/sec)	0 – 10
• Emergency pressurisation (m/sec)	20
• Maximum rarefaction (mm, Hg)	493 (corresponds to 3500 m above sea level)
Resource (one hour treatment)	10 000

18 months warranty is provided. Our qualified engineers will install the chamber and train your operators to use and maintain the unit

**MEDICAL EQUIPMENT AND CONSUMER GOODS DIVISION
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