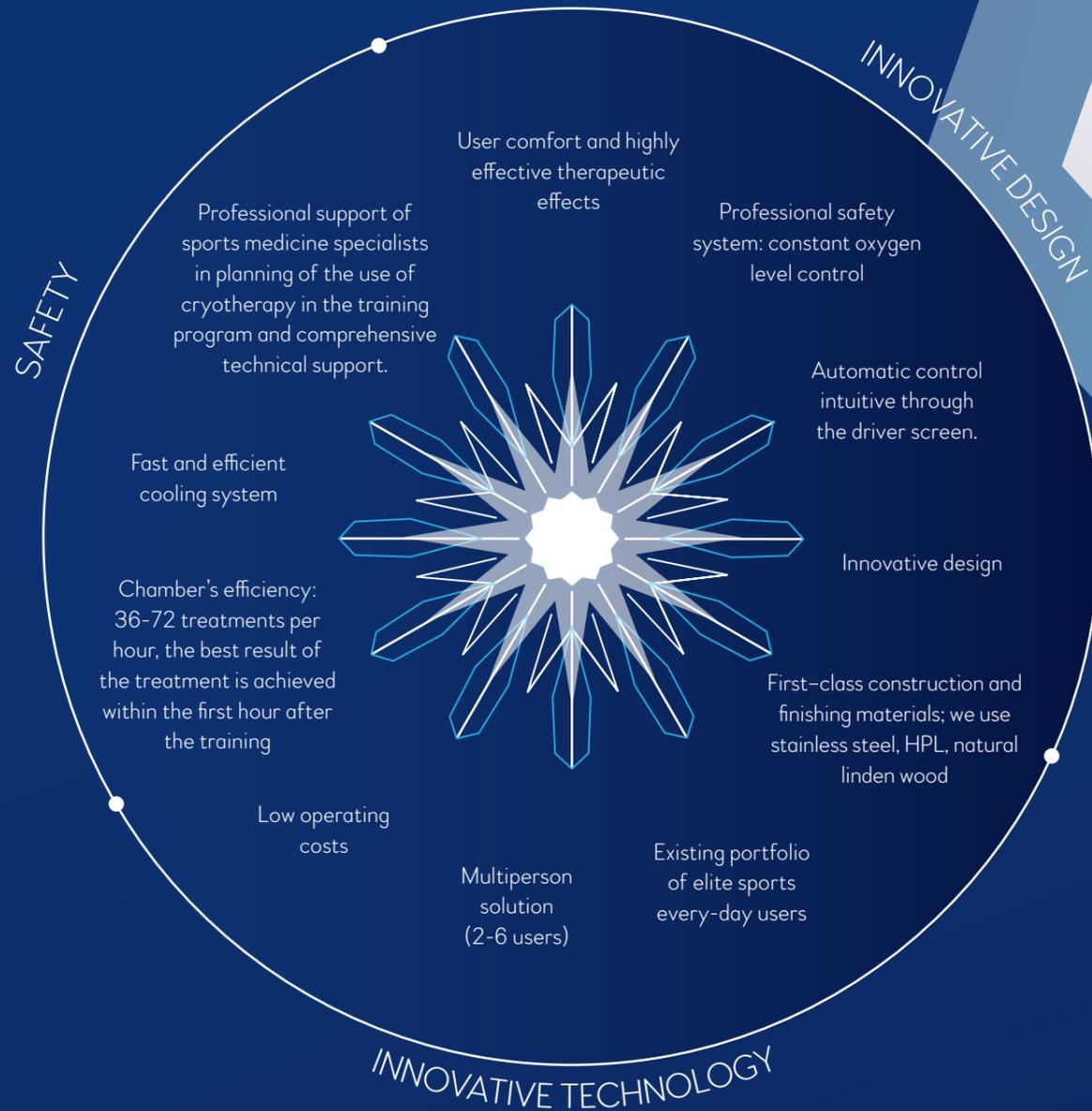


How does it make a difference?



SPORT MEDICINE BEAUTY

WBC Fixed Multiperson Chamber

PLAY. FREEZE. REVIVE



KRIOSYSTEM LIFE

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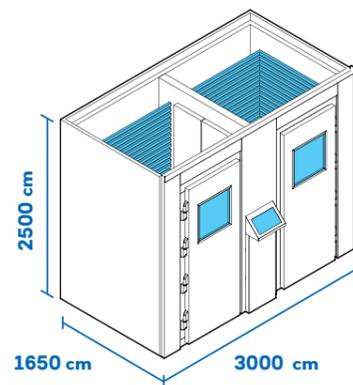
The company's products Kriosystem Life meet requirements for medical devices in accordance with the understanding of the provisions of the European Union and Directive 92/43/EEC. The organization has implemented a Quality Management System ISO 13845.



WBC Fixed Multiperson Chamber is a highly efficient tool in professional sports performance and recovery.

Cryotherapy using WBC Fixed Multiperson Chamber is a treatment which stimulates the surface of the whole body through the use of cryogenic temperatures (from -100°C to -160°C) to induce physiological responses to cold.

Positive body response to WBC supports physiotherapy. The treatment increases the efficiency of the body, improves blood circulation as well as has got a positive effect on the mood. Those features make it an indispensable device for supporting the training and rehabilitation.



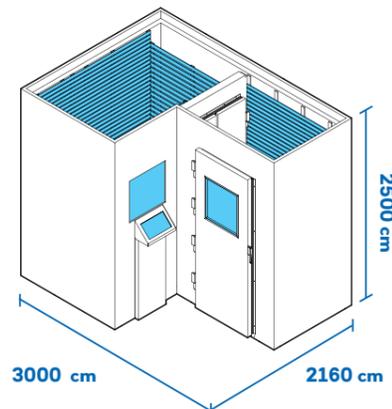
KR-2010 (S) - v.1

KR -2010 (S) 2-3 persons

Consumption of liquid nitrogen for cooling the chamber: **80-100 kg**

Liquid nitrogen consumption during the treatments: **70-80 kg/h**

Cooling time up to -160°C :
35-50 min



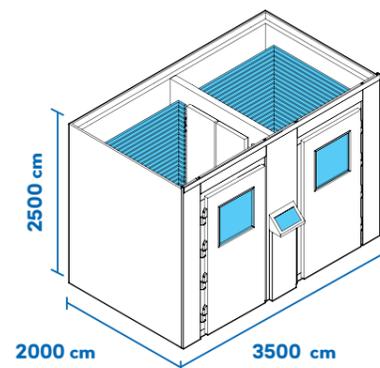
KR-2010 (S) - v.2

KR -2010 (M) 4 persons

Consumption of liquid nitrogen for cooling the chamber: **90-110 kg**

Liquid nitrogen consumption during the treatments: **70-80 kg/h**

Cooling time up to -160°C :
35-50 min



The temperature range during the treatment: from:
 -100°C to -160°C

Pre-chamber temperature:
 -60°C to -90°C

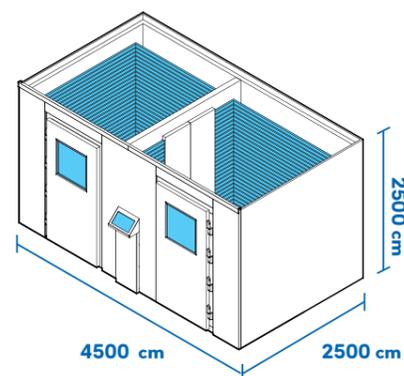
Single session time
30sec to 5 minutes

KR -2010 (L) to 6 persons

Consumption of liquid nitrogen for cooling the chamber: **100-120 kg**

Liquid nitrogen consumption during the treatments: **70-90 kg/h**

Cooling time up to -160°C :
35-50 min



Therapeutic effects of the Whole Body Cryotherapy (WBC)



Neuromuscular reaction

There is a reduction or abolition of pain as a result of increased secretion of beta-endorphins, a sensory conduction delay and moving in the nerves. Follows loosening tight muscles around the affected joints and increase their strength.



Cardiovascular reactions

Contraction and relaxation of severe enlargement of blood vessels. This reaction reduces swelling, increases oxygenation of cells and accelerates metabolism.



Therapy of pain

The raising of the pain threshold as well as the relaxation of the whole body happens as a response to an extremely low temperature. Cryotherapy also improves the quality of sleep and reduces fatigue.



Hormone reaction

Cryotherapy increases the levels of epinephrine, norepinephrine, ACTH, cortisol, testosterone (in men) in the blood serum. It has a very big influence on the psyche, follows relaxation and a significant improvement in mood.

Areas of application

Sports Medicine

Spa & Wellness

Physiotherapy

Rehabilitation

Rheumatology

Neurology

