

AMAZING MX-4CP

Multi-person cryochamber



The **AMAZING MX-4CP** multi-person cryochamber is a technically advanced and innovative product

It is a closed construction which provides full cryotreatment. With the use of high-quality materials, like glass, aluminium and top grade plastic were designed revolutionary forms patient friendly.

The **AMAZING MX-4CP** multi-person cryochamber comes in 2-3, 4-5 and 6 person sizes, and uses liquid nitrogen.

Indications:

- physiotherapy
- professional sport
- beauty

Available coloristic:



Parameters and functions:

- Consists of a pre-chamber booth, and, the main chamber, including technical facilities
- Main power supply: 230V 50-60 Hz 2,8 kW
- Adapted to individual local conditions
- Controlled by a 15" touchscreen
- Power supply based on heat-exchange system
- The floor of the pre-chamber booth and the main chamber on even levels
- Built with isolating walls and covered with ceiling
- The inside walls and the floor made of wood
- Working substance - liquid nitrogen (N₂)
- Main chamber temperature adjustable between -120°C and -160°C
- The floor in both the main chamber and the pre-chamber booth made of non slip material
- Treatment time adjustable between 1 and 3 minutes
- The "Cold Buffer" system buffers cold without blowing air into the main chamber between treatments
- Drying time adjustable between 3 and 5 hours
- Voice communication between the patient and staff
- Temperature and time of the treatment, as well as date, visible on the touchscreen
- Temperature measured by independent sensors located on different heights
- The measured results are presented on the touchscreen
- Treatment counter
- An electronic system allows to keep a cooled down cryochamber in stand-by mode, while keeping the temperature down between -60°C and -100°C
- Treatment history available on the touchscreen
- Automatic and maintenance-free cryochamber drying system
- A prompt system informing about correct and incorrect treatment parameters (treatment start and finish, cooling down start and finish)
- Entry door made of tempered glass
- Treatment chamber fitted with panoramic, heated window allowing for eye-contact of the patient with the staff
- Automatic, electronic temperature recirculation system evening the temperatures of the temperatures of the top and bottom parts of the treatment chamber.



Systemic cryotherapy:

Systemic, or whole-body cryotherapy, has been used with success for many years for treatment of different, mostly rheumatoid conditions. Cryotherapy is a stimulating exposure to extremely low temperatures (under -120°C) for no longer than 3 minutes. It influences the surface of the whole body, and provokes defensive mechanisms, which are medically beneficial, and effectively revoke the status quo of the human organism.

The treatments involved in this therapy have a systematic nature. Thanks to this method, treating and helping patients with mostly, but not only rheumatoid conditions. This method is often used with patients suffering from neurologic conditions with muscle spasticity, in post traumatic and post surgery conditions, in primary and secondary auditory system degenerations. The treatment is especially effective in sports traumatology. Systemic cryotherapy has become a powerful tool in treating sports trauma, and post-fatigue recovery.

An additional effect, some stimulation of the CRYOTHERAPY, on stimulating the body, leading to it, which can achieve anabolic effect, approach the induced pharmacological doping.

Recommendation:

- Rheumatoid arthritis
- Juvenile chronic arthritis
- Reactive arthritis
- Psoriatic arthritis
- Ankylosing spondylitis
- Gouty arthritis
- Inflammatory lesions of the joints of metabolic origin gouty diathesis
- Cervical spondylitis
- Humeroscapular peri-arthritis
- Periarticular tendinitis, joint capsulitis and myositis
- Fibromyalgia syndrome (rheumatic disorders of soft tissues)
- Posttraumatic dislocation and sprain of joints
- Meniscus damage
- Tearing of ligaments and muscles
- Control of chronic pathological pain from conservatively treated disorders
- Muscle spasticity control of reflex and CNS origin during neurological rehabilitation

Recommendation of application of the systemic cryotherapy in the professional sport:

- For muscles: the traction injuries (stretching, braking of the muscle fibres, painful muscle tones and contractions)
- For fasciae: the syndrome of fascial compartment
- For tendons: rotations, extensions, tenodeses, tendinopathies, aseptic inflammation of tendons and attachments (of popliteal muscle)
- Achilles tendon, of a tennis player's elbow, of a golfer's elbow, the syndrome of a painful shoulder)
- For joints: injury of a joint capsule, injury of articular cartilage
- For overloading: the syndrome of the knee-cap and thigh (a runner's knee), the syndrome of the back group thigh muscles, the syndrome of psoas muscles (a weight-lifter's back/dorsum), the inflammation of the plantar aponeurosis)
- For chronic sports injuries: for example: the inflammation of the calcanean spur, metatarsalgia, fatigue-breaking of the metatarsal bones
- For the succour in endurance and weight training
- For the acceleration of post-weight training regeneration (regulation of oxidizing stress)
- For prevention of overloading

Biological regeneration:

- Slowness of the aging processes
- Regulation of metabolic processes (struggle against the overweight and obesity)
- Controlling the cellulites
- Leveling of the physical and psychological fatigues

Beauty:

- Healthy, firm, ventilated and nourished skin
- Healthy hair
- Healthy and strong nails

