



Nitrogenium

NITROGENIUM
CRYO SAUNA
CRYO CHAMBER

Embrace the cold and heal quicker

CRYOSAUNA SYSTEM

Cold Source

Liquid nitrogen supplied from the cryogenic tank.

Features

Equipped with a lifting floor adjusting to patient height.
Submerges person to shoulders with head above cold gas.
Allows breathing air from the room.

Temperature and Time Regulation

Temperature range: -100 to -160 °C.
Treatment time: Up to 3 minutes.
Operator customization for time and temperature.

Safety Measures

Maximum safety ensured.
Oval and heterogeneous shape for even temperature distribution.

TECHNICAL SPECIFICATIONS

<i>Dimensions of the cryosauna:</i>		
Width/with closed chamber door/ Width/with opened chamber door/ Length	900	[mm]
	1550	[mm]
	1600	[mm]
Total height	2450-2570	[mm]
Weight of the chamber/ cabin + one person/	upto 480kg	[kg]
Acceptable temperature range in the treatment room	15-25	[°C]
Relative humidity in the treatment room	30-85	[%]
Nominal power intake (230V- 50Hz)	1231	[VA]
Range of temperature regulation in the CRYOSAUNA cabin during the treatment	-100, -160	[°C]
Duration of one session	1.5 -3	[min]

BENEFITS



**Reduced Muscle
Soreness and
Inflammation**



**Faster
Recovery**



Pain Relief



**Improved Muscle
Strength and
Power**



**Enhanced
Endurance**



**Increased
Blood Circulation**



**Mood and
Well-being**



**Reduction in
Delayed Onset
Muscle Soreness
(DOMS)**



**Modulation of
Inflammatory
Markers**



TECHNICAL SPECIFICATIONS

Approximate overall dimensions		
-Width / with closed cabin door /	2500	[mm]
-Depth / with technical room /	2500-2800	[mm]
-Overall height	2600	[mm]
Weight	1500	[kg]
Rated power consumption (230V 50Hz)	3500	[VA]
Temperature control range in the main chamber / regulated by the operator /	-100,-160	[°C]
Temperature control range in the pre-chamber / adjustable by the operator /	0 -70	[°C]
Recommended temperature in the main chamber	-120	[°C]
The range of adjustment of the time of patients staying in the main chamber / regulated by the operator	1/3	[min]
The range of adjustment of the time of patients' stay in the pre-chamber / regulated by the operator /	1/3	[min]

CRYO CHAMBER

Cryogenic chamber is a device which consists of an initial chamber, main chamber and the technical room.

First, patients enter the initial chamber and then after the pre-set time, they walk through the middle door to the main chamber to participate in a whole body cryotherapy session.

The treatment temperature is being set by the operator from -40 down to -80 degrees Celsius in the initial chamber and from -100 down to -160 degrees Celsius in the main chamber. The total treatment time cannot exceed 3 minutes.

The operator can set the time and temperature for each group of patients individually.

Features

- Minimal liquid nitrogen consumption.
- Quick freezing time.
- Fast reimbursement.
- Simple local requirements.
- Easy service and maintenance.
- Open-top design for comfort.
- Uniform temperature distribution.
- High safety standards.



The future is **cryo** technology



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