



WELLNESS + SPORT + HEALTH



Who are we?

"Made in France" and Industrial processes

Our cryotherapy cabins are **fully designed and assembled** in Coulommiers - Seine et Marne - France.

So far, we are the only company nitrogen cabins and electric mono chamber.

Thanks to our industrial processes, we are able to produce **50 equipment per month** for France and worldwide.

We rely on a carefully selected French supply chain for our production and sub assembly supply.

The internal seam of our equipment is **handmade and can be removed** for easy cleaning.

An unrivaled safety



Since the very beginning, CRYO MANUFACTURING has always been considering safety as top level requirements.

Our cabins are meeting the specifications of the most severe nitrogen companies in the world. Each cabin is systematically delivered with a **fix oximeter**. Any discrepancy (oxygen, nitrogen) during the process is thus immediately detected and the **nitrogen present in the chamber is extracted** and **the session stopped**.

Also, the nitrogen fog which is escaping from the chamber during the session is sucked by our nitrogen extractor located on the top of the door.

This device has 2 big properties:

- **Protection of the operator** who can talk in complete safety with the patient
- **Protection of patient** who will not breath nitrogen, which is dangerous for the organism

Innovation and patent

BODY SLIDER®:

The adjustment system of our cab's height is ensured by a patented device, the **Body Slider®**.

Unlike other systems existing in the market, our cabs have a fixed floor.

This is the upper part of the door which goes up and down electrically. This patent presents two major interests, **the weight of the patient is not limited** and we ensure a real **thermal shock**.

Exceptional performance thanks to an on-board intelligence

Our cabins differ significantly by their **on-board intelligence**.

Fitted with an high tech automate, the quantity of nitrogen to be injected in order **to regulate the temperature** in the cabins is permanently **calculated**. Our algorithm, NCO Concept (Nitrogen Consumption Optimization) belongs to one of our secret of production. It contributes to the **sobriety** of our equipment which have **the lowest consumption of nitrogen**.

We offer also on our products, remote control to provide access at your cabs for diagnosis, operation and remote maintenance.



Top level Materials and electronic components

The chassis of our cabins is made of stainless steel. Those materials give to our cabins a rigidity for mobility using. They are a gage of **robustness and longevity**.

Quality control

Each cabin is produced with the greatest care. We carry out **systematic quality checks** as well as **performance test** in laboratory. The cabins are delivered with the check list of all the tests performed.

Guaranty and After Sales

All our nitrogen cabins have **2 years of guarantee**.

The expert working on the technical support are our own engineers and technicians who are assembling on a day to day basis our cabins.

Our ambition

- Continue our growth to become the word wide leader in partial and whole body cryotherapy technology.
- Develop a network distribution ship « worldwide » to multiply installations and propose a service support near for all our end users.
- Keep on our permanent innovation commitment at the service of efficacy and profitability of our technology.
- Contribute to make the partial and whole body cryotherapy **a reference equipment** of wellness, sport performance and medical therapy.

Our beliefs

In a partial and whole body cryotherapy “**trendly market**” but **still immature**, we are convinced that the actors of tomorrow will be the company who will provide :

- Integration of security issues in the conception of their equipment,
- The optimization of electricity and nitrogen consumption to allow to their customers a maximization of their profitability,
- Special attention to their customer requirements in terms of permanent innovations,
- Establishment of a follow-up and a professional support, during the project and also after setting up.

Our commitments

- Deliver a service support during all the process of your project.
- Keep safety criteria on a top level whatever our types of cabins.





Cryotherapy

The cold recovery ; sport, wellness and medical therapy application.

The target of partial and whole body cryotherapy is to create a thermal shock which generates vasoconstriction and stimulation of receptors thermal dermis.

This thermal shock has mainly an analgesic effect by slowing down nerve conduction and anti-inflammatory through lowering of the tissue temperature. By reducing body temperature in a very short time, endorphin and hormonal reactions are provoked but also a very important muscle drain when the body heats up.

The body from feet till shoulders, while standing in a cabin at extreme temperatures between -110 and -150 ° C for 1 to 3 minutes.

This technique aims to relieve chronic or acute pain, accelerate muscle and physical recovery, while eliminating toxins tissue. Cryotherapy session therefore has anti-inflammatory and anti-stress immediate effects.



The protocole

Stimulated by thermal shock, the body triggers reflexes fights against extreme cold.

The entire body, from the feet till the neck is exposed to extremely cold temperatures to -150 °C for a short time.

The session duration is from 1 to 3 minutes. Exposure to cold dry do not require shower at the exit of the session.

RECOMMENDATIONS AND PRECAUTIONS

Before the session

- Do not carry out sporting activity 30 minutes before the session.
- Do not take shower 30 minutes before the session.
- Do not wear any wet clothing or wet underwear.
- Having a dry skin without cosmetic.
- Do not shave or waxing before the session.
- Protect ends and sensitive body parts.
- Remove or protect metal objects (watches, bracelets, piercings, ...) except earrings and glasses which can be preserved.
- Protect all skin wounds, open wounds and fresh scars.
- Being sober (no alcohol, drugs ...).

During the session

- Inhale the air through the nose, out expire through the mouth.
- Do not rub or clap on the surface of the body.
- Do not touch neither walls nor heat exchangers.

After the session

- Do not take hot shower within 30 minutes after the session.
- Do not expose yourself to the sun.

The cryotherapy benefits

The benefits

in sports application

Widely used by top athletes, partial and whole body cryotherapy easy blood circulation, reduces pain, and inflammation, relaxes the muscles after exercise. It thus improves physical recovery, relieving the wounds ...



Metabolism

- Improves metabolism
- Helps athletes to improve their performance



Physical preparation

- Increases energy before effort
- Generates a feeling of wellness and vitality
- Improves joint



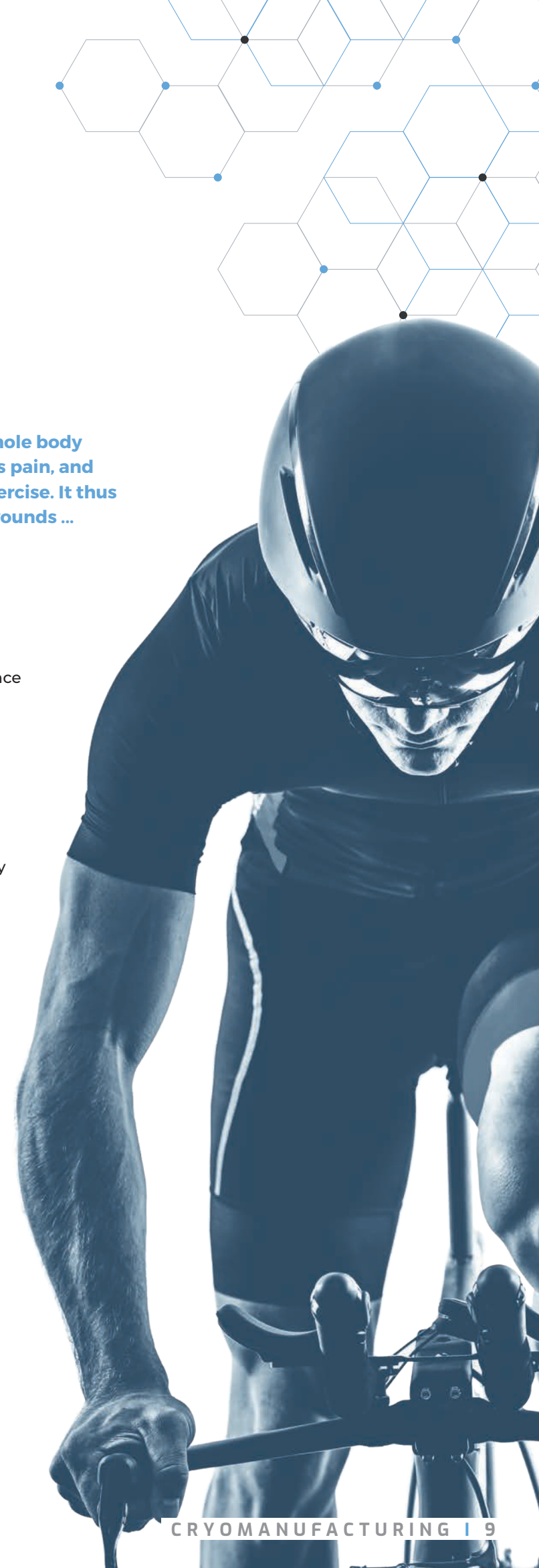
Recovery

- Accelerates muscle recovery
- Reduces post-exercise pain
- Has an anti-edematous effect (bruises, hematomas)



Sports injuries

- Analgesic effect
- Anti-inflammatory action



The benefits

in wellness application

A partial and whole body cryotherapy session at -150°C for nitrogen and -110°C for electric results in the elimination of toxins and stimulates vasodilation for better blood circulation. The release of endorphins that occurs has an analgesic effect and immediate relaxant.



REDUCES **SLEEP DISORDERS**



REDUCES **ANXIETY AND STRESS**



IMPROVES **VITALITY**

The benefits

in medical therapy

In a natural way the body defends itself against the thermal shock by various strategies. The first being vasoconstriction to protect vital organs. The second is an uncontrolled muscle reflex activity designed to produce heat. The end of the session leading to vasodilation that has immediate analgia and anti-inflammatory effects.

Traumatology

- Muscle damage
- Shocks
- Sprains
- Tendinitis ...

Rheumatology

- Chronic inflammatory rheumatism (arthritis, rheumatoid arthritis, ankylosing spondylitis)
- Muscle pain (fibromyalgia and myalgia)
- Osteoarthritis
- Arthritis
- Ankylosing spondylitis

Neurology

- Multiple sclerosis
- Depressive syndrome
- Sleep disorder
- Migraines and headaches

Dermatology

- Eczema
- Psoriasis
- Atopic dermatitis
- Scleroderma...

The Cryomanufacturing range



Electric Range



Nitrogen Range



Equine Range

Electric range



Electric range



It is the sole electric cabin
who is reaching -110°C / 166°F .
Product 100% made in France

Available on

- AIR COOLING or WATER COOLING,
- GLAZED DOOR or FULL GLAZED DOOR

- Require single phase - money saving
- Cool-down and drying with remote programs
- 100% electrical technology



THE CRYOMANUFACTURING RANGE

- Chassis fully made out of stainless steel for an enhanced durability.
- Glazed door to ensure a visual contact between patient and operator.



- Touchpad allowing chamber's supervision.

- LED inside and outside of the cabin.



- Speakers inside the chamber to be connected with the operator and music listening during the session.

- Heating resistance to defrost and dry the chamber.

- Chamber removable in two parts to easy the transport and setting up.

- Available colors: grey, green, white, blue, other colors available upon request.



- Diagnosis and Maintenance remote control.

EXTERNAL DIMENSIONS

Length: 1 252 mm
Width: 1 522 mm
Height: 2 262 mm
Weight: 400 kgs

INTERNAL DIMENSIONS

Width : 840 mm
Depth : 660 mm
Height : 2 000 mm

TECHNICAL FEATURES

4 hours to reach -110°C
(daily Programming)
Nominal power: 5,5 kw
Power supply: 230V

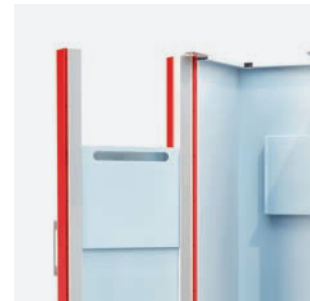


The CRYOFIRST is for sports center with a design simple.

Main data:

• Exclusive patent **Body Slider®**
automatic adjustment to the patient size
(from 1,50m to 2,20m)

- Nitrogen extractor located on patient's shoulders to prevent any risk of nitrogen breathing.
- Built in Oximeter sensor which detects the rate of oxygen in the room and stop automatically nitrogen supply when it goes under 18%.
- 7 sensors to optimize the cabin safety.
- Chassis and coating in aluminum for a better longevity and a maximum sturdiness.
- Touch screen control.



TECHNICAL FEATURES
Power: 1,5 kw
width: 790 mm
Length: 1 200 mm
Height: 2 000 mm
Weight: 190 kg
Nitrogen consumption during the session at -150°C = around 1 liter per minute

For information, the data consumption of nitrogen depend of the humidity rate in the room. For the color, CRYO FIRST is delivered in white with black body sliders. **A choice of color is available upon request.**



The CRYO EVO has the same design than the CRYO MUST with a touch screen control.

Main data:

• Exclusive patent **Body Slider®**
automatic adjustment to the patient size
(from 1,50m to 2,20m)

- Nitrogen extractor located on patient's shoulders to prevent any risk of nitrogen breathing.
- Built in Oximeter sensor which detects the rate of oxygen in the room and stop automatically nitrogen supply when it goes under 18%.
- 7 sensors to optimize the cabin safety.
- Chassis fully made out of stainless steel for an enhanced durability and maximizing the robustness.
- Touch screen control.



TECHNICAL FEATURES
Power: 1,5 kw
Width: 870 mm
Door open: 1 560
Length: 1 400 mm
Height: 2 230 mm
Weight: 240 kg
Nitrogen consumption during the session at -150°C = around 1 liter per minute

For information, the data consumption of nitrogen depends of the humidity rate in the room. **For the design, the CRYO EVO is delivered totally white. Body slider is painted with a choice of 4 colors: white, grey, dark blue or black.**



The CRYOMUST has the same design than the CRYOCAB with a laptop control

Main data:

- Exclusive patent Body Slider® automatic adjustment to the patient size (from 1,50m to 2,20m)



- Nitrogen extractor located of the patient's shoulders to prevent any risk of nitrogen breathing.



- Nitrogen extractor located on the bottom part of the chamber to speed up the nitrogen elimination on doors opening.

- Built in Oximeter sensor which detects the rate of oxygen in the room and stop automatically nitrogen supply when it goes under 18%.

- Mobile Oximeter sensor which detects leaks even when the cabin is off.

- 10 sensors to optimize the cabin safety.

- Chassis fully made out of stainless steel for an enhanced durability and maximizing the robustness.

- Laptop dedicated to the cabin control and patient data recording.

- Diagnosis and Maintenance remote control.

- Integrated on-board intelligence allowing an accurate handling of the nitrogen injection and control of the sensors.



TECHNICAL FEATURES

Power: 1,5 kw
width: 870 mm
Door open: 1 560
Length: 1 400 mm
Height: 2 230 mm
Weight: 250 kg
Nitrogen consumption during the session at -150°c = around 1 liter per minute

For information, the data consumption of nitrogen depends of the humidity rate in the room. For the design, the CRYOMUST is delivered either totally white, or white with colored stickers among which a wide choice of colors is offered.



The CRYOCAB is a partial body cryotherapy cab manufactured by CRYOMANUFACTURING.

This class IIb medical device is a regulated health product and carries the CE mark TÜV Rheinland (CE 0197).

It is a device intended to be used to relieve injury, in order primarily to obtain an analgesic and anti-inflammatory effect by slowing down the nerve conduction and lowering the temperature of the tissues by the medical treatments of

- **traumatology** (muscle injuries, blows, twists, tendinitis)
- **rheumatology** (chronic inflammatory rheumatism, muscle pain, arthritis, ankylosing spondylitis, fibromyalgia)
- **neurology** (multiple sclerosis, depressive syndrome, sleep disorders, migraines, headaches)
- **dermatology** (eczema, psoriasis, atopic dermatitis, scleroderma)

Main data:

• Medical specifications:

Power supply with medical certification

Isolation transformer

Double electrovalves

• Exclusive patent Body Slider®

automatic adjustment to the patient size (from 1,50m to 2,20m)



- Nitrogen extractor located of the patient's shoulders to prevent any risk of nitrogen breathing.

- Nitrogen extractor located on the bottom part of the chamber to speed up the nitrogen elimination on doors opening.



- Built in Oximeter sensor which detects the rate of oxygen in the room and stop automatically nitrogen supply when it goes under 18%.

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TECHNICAL FEATURES

Power: 1,5 kw
width: 870 mm
Door open: 1 560
Length: 1 400 mm
Height: 2 230 mm
Weight: 250 kg
Nitrogen consumption during the session at -150°c = around 1 liter per minute

For information, the data consumption of nitrogen depends of the humidity rate in the room. The CRYOCAB works with liquid nitrogen, product requiring a great prudence of use. It is necessary to have received a training by CRYOMANUFACTURING or by its authorized dealer before using. We urge you to carefully read the instructions and contraindications in the user manual. If any doubt about contraindications, ask a health professional for advice. It should be noted that cryotherapy is currently not eligible for reimbursement by health insurance organizations.



The whole body cryotherapy van for horses

Equine Cryotherapy is an original analgesic technique, easy to implement in horses and well tolerated by the animal.

The first results are obtained quickly and are clinically observable.
The physical recovery of the horse is extremely faster.

Some types of diseases treated:

- Tendinopathy (lameness): relieves pain immediately
- Inflammation of ligaments stops the inflammatory crisis
- Hematomas and Edemas: draining the hematoma and edema due to the vasomotor effect
- Muscle contracture (back pain): immediate muscle relaxation



PACKING

Overall length: 4.30 m Internal length: 3.16m Total width: 2.13 m
Internal width: 1,67 m
Loading height = 2,26 m
Net weight = 920 kg
Brutto weight = 2 600 kg



The cryotherapy cabin for equines can be mounted in fixed installation (box) or mobile (van, truck, trailer ...).

Our services

related

Installation on site

Delivery and setting up on your cabin can be done on site.

Personalized training

We train you on safety principles related to the use of your cabins as well as technical constraints of cryotherapy.

Remote maintenance

Essential service to ensure the safety of end users and maximize the profitability of your cryotherapy cabin, our technical team provides remote maintenance

Through a dedicated interface control unit, wherever you are in the world, our technicians in KSA ensure the servicing of your cab.



FIRST FRENCH DESIGNER AND MANUFACTURER
OF CRYOTHERAPY CABINS