

WHOLE-BODY AND LOCAL
EQUINE CRYOTHERAPY
EQUIPMENT



Product catalog 2025

WHY CHOOSE Cryo Pro Tech?

Based on our 20-year expertise in manufacturing cryogenic equipment, we designed the safest low-noise chamber with closed-loop cooling to create a comfortable animal-friendly environment for a top-tier cryotherapy experience.



WHAT IS EQUINE CRYOTHERAPY?

Equine cryotherapy is a non-invasive and safe treatment involving exposing a horse's body to frigid temperatures between -80°C and -120°C for faster post-exercise and post-injury recovery. Equine cryotherapy can be applied to the entire horse's body, except for its head, or locally. Horse cryotherapy helps reduce inflammation and

swelling in soft tissues, tendons, and ligaments, speeds up recovery from injuries, and acts as a natural pain relief. It is often used in equine sports and veterinary medicine to enhance athletic performance, improve post-exercise recovery and support post-injury rehabilitation.

SUITABLE FOR:

Equine veterinarians and physiotherapists

to treat musculoskeletal injuries and inflammatory conditions and aid post-surgery rehabilitation.

Horse owners

to help their animals recover from strenuous activities, reduce inflammation, and alleviate pain.

Equestrian teams and clubs

to support the overall health and performance of their horses.

Equine rehabilitation centers and clinics

to integrate cryotherapy in treatment protocols to help horses recover from injuries or surgeries.

Racehorse trainers

to aid equine athletes in muscle recovery, injury prevention, and performance enhancement.

Equine-assisted therapy centers

to maintain the physical and mental health of older and second-career horses.

WHOLE-BODY CRYOTHERAPY FOR HORSES

Whole-body freezing treatment for horses is a unique method that involves short, up to 5 minutes, exposure to extremely low temperatures ranging from -80°C to -100°C in a specialized cryogenic chamber.

The treatment triggers a number of physiological responses like constriction and dilation of blood vessels, resulting in improved circulation, limited inflammation, and swelling. The release of endorphins helps manage pain and promote relaxation. The nervous system stimulation aids faster return to a resting heart rate. The immune system boost enhances overall well-being and performance.

The whole-body sessions are carried out in specialized cryogenic chambers with doors both in the front and the back of the machine. This way, a horse can comfortably enter and exit the cabin. The equine chambers use liquid nitrogen for cooling.



WHAT ARE THE EFFECTS OF EQUINE WHOLE-BODY CRYOTHERAPY?

The benefits offered by extreme cold exposure fall under three categories:

POST-EXERCISE RECOVERY

Relief of muscle tension through	Pain relief through	Reduced inflammation and swelling through
<ul style="list-style-type: none">• better blood circulation• active muscle nourishment with oxygen, hormones, and nutrients• improved toxins drainage	<ul style="list-style-type: none">• reduced pain signals conduction• elevated levels of endorphins	<ul style="list-style-type: none">• increased blood flow to muscles, ligaments, and tendons• boosted supply of antioxidants and anti-inflammatory agents

PERFORMANCE BOOST

Increased muscle endurance through	Boosted energy and aerobic capacity through	Reduced stress and improved self-confidence through
<ul style="list-style-type: none">• better muscle repair and growth due to elevated testosterone	<ul style="list-style-type: none">• enhanced oxygen supply	<ul style="list-style-type: none">• stepped up endorphin release

POST-INJURY RECOVERY

Accelerated healing through	Pain relief through	Reduced inflammation and swelling through
<ul style="list-style-type: none">• limited inflammation• reduced swelling• better nourishment of muscles and soft tissues	<ul style="list-style-type: none">• extensive blood flow• pain restriction	<ul style="list-style-type: none">• alleviated pain• reduced inflammation and puffiness



Top experience in equine wellness

cryo pro tech Equine Cryo is a cutting-edge cryotherapy machine, a fusion of safety, style, and performance designed to elevate the well-being of your equine companion.

Crafted with a sleek and modern aesthetic, this innovative device offers a customizable look, allowing you to select the material and color for the outer panels to suit your preferences.

Operated with ease and precision, the equine cryosauna ensures the utmost comfort for your horse during each session. Featuring dual entry and exit doors for seamless access, this state-of-the-art system boasts a closed-loop nitrogen supply that eliminates the risk of inhaling nitrogen vapors, guaranteeing a safe and effective treatment experience. In addition, such cooling systems are low-noise, which contributes to creating a comfortable treatment environment.

Cyro Pro Tech EQUINE CRYO

BENEFITS OF cryo pro tech EQUINE CRYO



Enhanced safety

Easy operation and improved comfort



Shorter treatment time

Real temperature shortens the exposure



Closed-loop nitrogen supply

No windchill factor



Wi-Fi connection

Remote diagnostics and troubleshooting



Nitrogen-efficient consumption

Takes about 25 liters per 6-minute session



Fully automated operation

Minimized human error



Three-level temperature control

Precise adjustment of treatment temperature



Extended warranty

2 years or 4,000 sessions

LOCAL CRYOTHERAPY FOR HORSES

Unlike whole-body modality with its systemic effect, spot cold treatment ensures a more powerful impact on the skin and soft tissues in the treated area. Localized cryotherapy usually targets injuries, soreness, and swelling in joints, tendons, ligaments, and muscles.

Noteworthy is the role of cold therapy in the prevention and treatment of equine laminitis, a painful and potentially debilitating condition affecting the hoof tissues. The targeted cold action helps proactively manage inflammation and stress on the

hooves. Horses with acute or chronic laminitis may benefit from limited pain and discomfort and ease of mobility.

Local cryotherapy for horses is normally conducted using a specialized cryotherapy machine, called a cryogenic blower or a cryofan, that delivers controlled cold temperatures to the affected area. Local cryo exposures for horses are usually short, ranging from a few minutes to around 5 minutes, depending on the specific treated condition and the horse's individual needs.



WHAT ARE THE BENEFITS OF LOCAL EQUINE CRYOTHERAPY?

Pain relief through	Reduced inflammation through	Reduced risk of bacterial infection though	Better motion range through
<ul style="list-style-type: none">• reduced pain sensitivity• improved blood flow• reduced swelling tied to pain	<ul style="list-style-type: none">• decreased levels of inflammatory proteins	<ul style="list-style-type: none">• increased blood flow with anti-inflammatory cytokines	<ul style="list-style-type: none">• less painful muscles and joints





A worthy investment for optimal maintenance and care

Cryofan CF-04 Equine is an original cryogenic blower designed to provide rapid and efficient cooling to targeted areas. This state-of-the-art device features an insulated Dewar for liquid nitrogen and a specialized hose with a precision nozzle tip, delivering a powerful stream of cooled air infused with nitrogen vapor.

cryo pro tech CF-04 Equine is extremely simple and user-friendly. To operate, initiate the nitrogen supply and direct the cold stream towards the desired area for instant relief.

The Cryofan operates from a 35-liter non-pressurized Dewar with a wheeled platform for better mobility. Optionally, the device can operate with 50-liter and 10-liter tanks.

Cyro Pro Tech CF04 EQUINE

BENEFITS OF Cyro Pro Tech CF04 EQUINE



Compatible with 10, 35, and 50-liter Dewars

Effortless adaptability to your treatment needs



Easy and convenient to operate

Master the Cryofan handling in no time



Cost-efficient

Minimal liquid nitrogen use (under 0.75 l/min) with consistent cooling performance



Low-noise operation

Maximum comfort of animals and a stress-free experience



Sturdy and mobile design

Durable service life and versatile use



Instant ready

A 2-minute readiness to work



Effective and affordable

Minimum investment with utmost efficiency



Get in touch!

Get in touch!

Cryo Pro Tech

4 Churchlawn, Blennerville,

Tralee Co Kerry V92PW9Y

Ireland

Email:

info@cryoprotech.com

sales@cryoprotech.com

Tel:+353 87 6369205