



skin cooling

feel the difference

Zimmer



Cold air for maximum
patient comfort

Ultramodern technology and over 25 years of experience

Cryo is the perfect system for cooling the skin during laser applications and injections of all types. The cold air device provides lasting pain reduction and prevents thermal damage to the skin during laser and IPL applications.

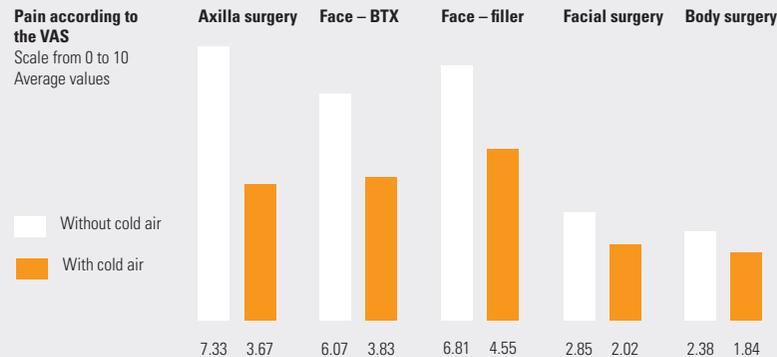
Unlike in other cooling methods, such as contact cooling, cooling sprays, or ice packs, the skin can be cooled with Cryo before, during, and after the laser application without impeding the effect of the laser.

Zimmer MedizinSysteme Cryotherapy expertise, made in Germany

Cooling the skin with cold air is a widely used technique in dermatological laser therapy. We investigated the influence of cold air cooling with various skin temperatures on the therapeutic results in treatments for telangiectasia in the facial region with pulsed dye laser.

Pain reduction using cold air during injections

Dr. Markus Steinert, Dr. Steinert Laser Clinic, Biberach, Germany



Study design, materials, and methods

The treatment was performed with and without the application of cold air in a split-face comparison. The intensity of the air stream corresponded to level 5 of the Cryo device from Zimmer MedizinSysteme (range of levels 1- 9). Each patient served as his/her own control, since the procedure was performed symmetrically on both sides of the body, however the cold air treatment was performed on only one side. The subjective pain indicated was measured using an analogue scale from 0 – 10 (0 = no pain, 10 = worst pain imaginable).

The pain event was considered to be the prick with the injection needle for the administration of BTX, hyaluronic acid, or a local anaesthetic.

Results

All patient groups had significantly less pain after the application of cold air than without cold air. This result also corresponds to the well-studied pain-inhibiting effect of cold air, for example, in pain therapy or dermatological laser and IPL application. The inhibition of pain was particularly pronounced in the nonsurgical treatments with injections of botulinum toxin and hyaluronic acid fillers. The cold air reliably reduces pain during any type of injection.

The new Cryo

perfected from A to Z

Maximum operating convenience

User-friendly design

- Energy-saving eco standby operation
- Storage space for 100 Favourites
- High-resolution 10-inch touch display
- Colours and presets as desired

Easier to operate than ever

Runs effortlessly for you

- Software reminder if the water tank is full
- Air filter can be quickly and easily changed
- Magnetic tube attachment
- Automatic maintenance reminder



Form meets function

Ergonomic & stylish

- Easier on the back due to the ergonomic height
- Swivelling spring arm allows one-hand operation
- Quiet operation
- Space-saving with a narrow footprint
- A real eyecatcher in the modern practice

7



30°C



100

Favourites programmes can be stored

9

Fan levels

250

cm

Length of the treatment tube

1.2

kW

Max. power consumption during therapy

0,55

kWh* Eco standby operation

MD

60

kg weight

106

H

50

W

56

L

Housing dimensions (cm)

Energy- and cost-efficient

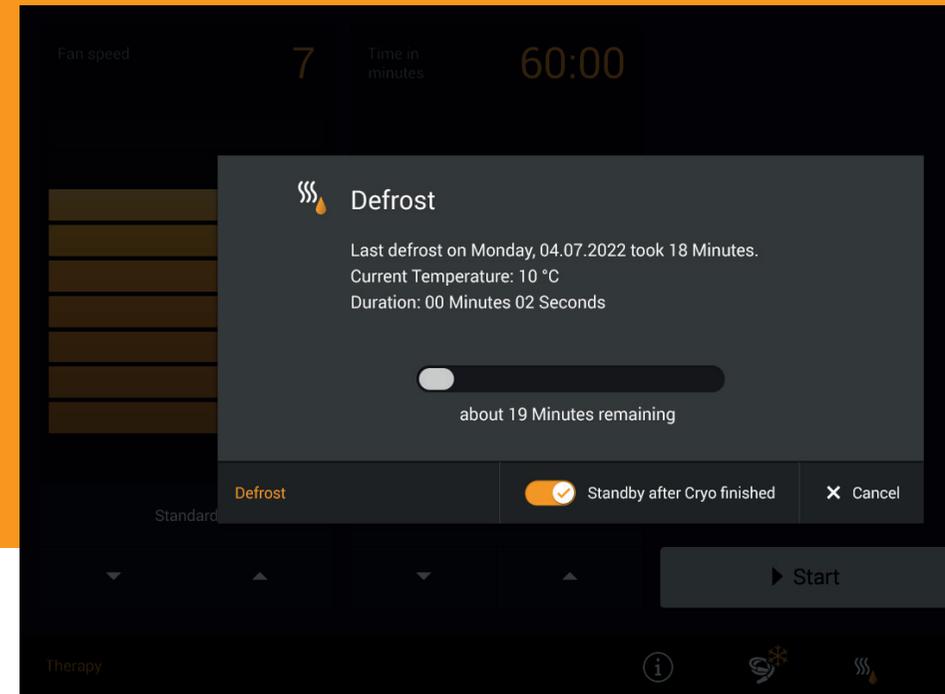
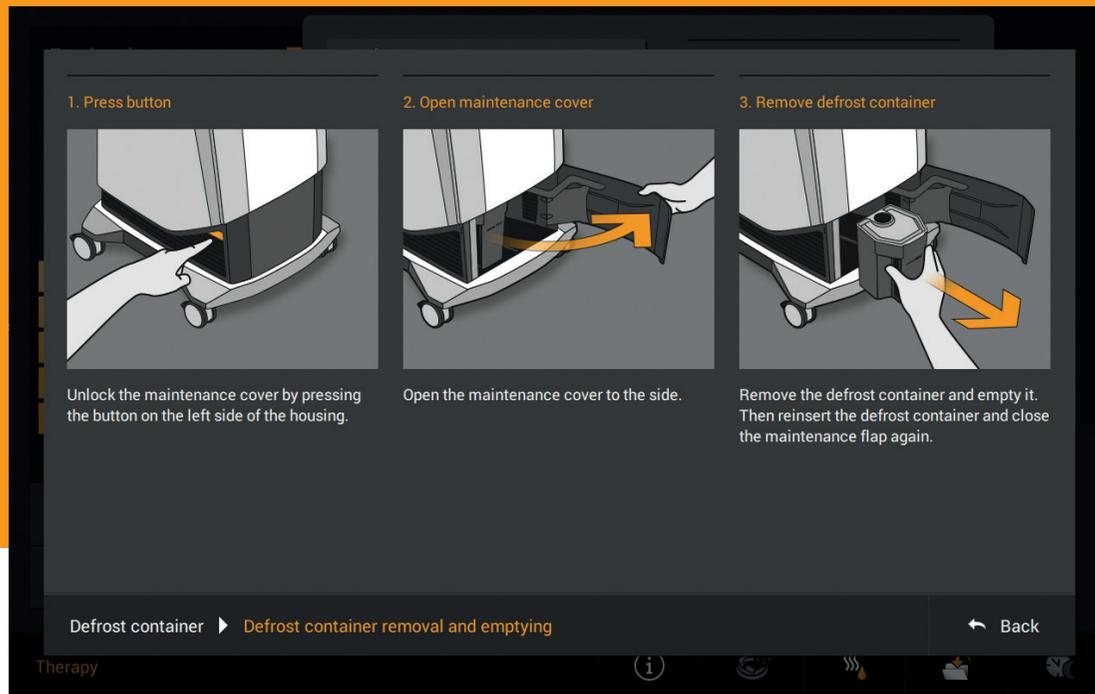
Operating the new Cryo 7 entails only low consumption costs for you. The new standby mode additionally minimises energy costs.

Cryo 7 is designed for reliable use all day long. The defrosting function and software-controlled monitoring of the amount of defrost water ensure smooth operation. In addition, the air filter is easily accessible and can be quickly replaced if soiled.

Numerous technical innovations allow the Cryo 7 to be operated even more quietly. This makes the treatment significantly more pleasant for everyone: for your patients and also for the medical staff.

Cryo 7

New software features



Quick Guide

Improved user friendliness through clear pictorial explanations

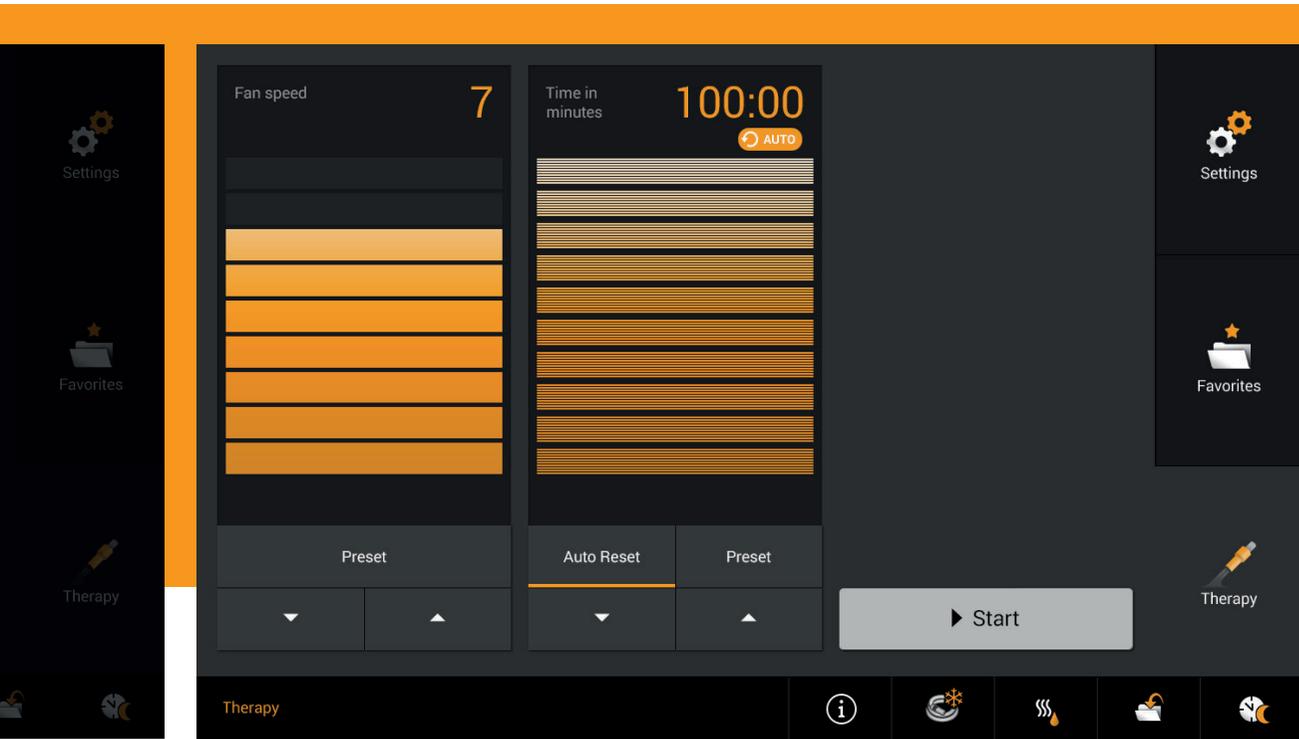
- Simple illustrations guide you step by step
- On-boarding made effortless: Straightforward instructions that the whole team can easily follow



Automated defrost functionality

No need to wait for Cryo to finish its defrost cycle

- Directly after defrosting Cryo 7 can automatically enter its sleep mode
- Integrated reminders will pop up to recommend a defrost when required to prevent ice build up



Convenient and innovative: Energy saving through standby and other new smart functions

New additions such as the Quick Guide, defrost notification reminders and therapy auto-reset option after each treatment help you to work smarter, for a more comfortable everyday experience.

The new optional 3m therapy hose offers maximum convenience for those who need it. The Cryo no longer needs to be placed directly next to the patient, making your space and treatment options more flexible. The therapy hose holder mounts both ways under the glass shelf giving you the flexibility to store the hose on your preferred side.

coming 2023



Therapy Time Auto-Reset

Effortlessly convenient

- You choose if Cryo 7 should automatically return to the initial time setting after each treatment
- Allows for all day treatments without ever having to re-input the therapy time

Cryo7

proHandpiece -

Unparalleled practicality

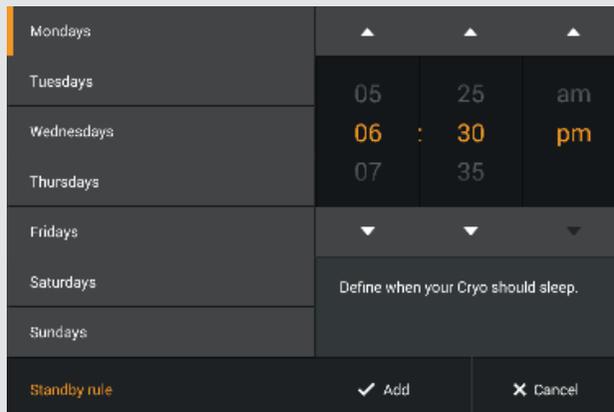
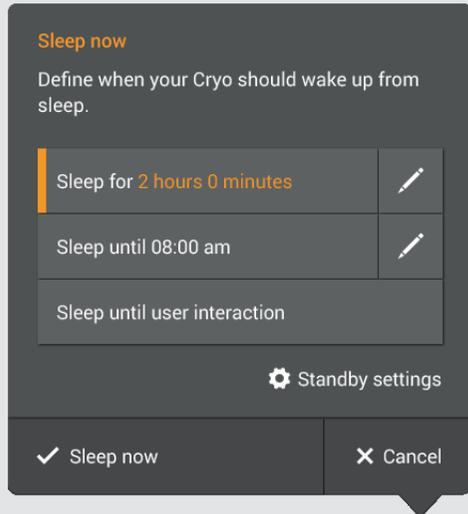
Release the full potential of your Cryo 7:
Extended standby functionality with sleep / wake

Cryo 7 now adapts to your everyday routine and works around you

- Simply let Cryo 7 know when it needs to be ready to go
- Sleep mode can be scheduled or spontaneously activated
- Cryo 7 can be woken up at any time

Ready for use at any time

- Add your weekly routine to the scheduler and Cryo 7 will do the rest
- Wake up and sleep automation is fully enabled
- Cryo 7 can be safely left in sleep mode requiring minimal energy





Pro Therapy Hose (Patent Pending)

Hand Grip

Individual Press

Increase fan level

Decrease fan level

Dual Press

Start/Stop Therapy
Stop Hose Pre-Cooling
Wake up

Status Light Ring

Innovative and intuitive design for you and your practice

The new pro handpiece stands out with its especially easy and comfortable handling during every treatment. The entire therapy can now be controlled directly from the handpiece. Thanks to intelligent functions the therapy can be started or stopped instantly.

The light ring shows Cryo 7's status, whether in pre-cooling, hose pre-cooling, ready or active therapy. The light ring will also warn you when the therapy time is coming to an end by flashing so you're always working safely and fully in control.

coming 2023

Hose Pre-Cooling

Smart functionality to ensure a timely start to every working day

- From the first therapy of the day the Cryo 7 gives its full cooling capacity
- Can be interrupted to start the therapy at any time
- Set a pre-cooling time and frequency to suit conditions in your clinic



Hose pre-cooling

Hose pre-cooling ensures cooling of the air hose even during therapy breaks. Activated pre-cooling enables treatment to begin at any time at optimum hose temperature.

Hose pre-cooling

Duration	3 min	4 min	5 min
Interval	Off	20 min	30 min

Confirm Cancel



Cryo pro

With UV filter for nearly germ-free cold air

New and more up-to-date than ever: Nearly germ-free™ cold air thanks to the UV filter

With its UV module, the new Cryo pro minimises germs in the cold air. It also features an improved air filter which already ensures significantly fewer particles in the aspirated air. As a result, the new cryotherapy device significantly improves hygiene during each laser application.



Optional support arm
Description valid for the Cryo 7 variant

UV-C

What is UV?

UV-C radiation is a known disinfection method for air, water, and non-porous surfaces. It is frequently used in air ducts for disinfecting air.



Why is this so important?

UV-C radiation is proven to inactivate the SARS coronavirus and could also be effective in the inactivation of SARS-Cov-2. The use of UV-C means disinfection without harmful chemicals.

UV

Cryo pro protects sensitive areas of the body

Additional cleaning of the environmental air supports the treatment of sensitive areas, such as in the face. The use of ozone-free lamps prevents irritation of the respiratory tract.

coming 2023



1.2 kW

Max. power consumption during therapy

0%

Ozone from the UV lamp

0,55 kWh* Eco standby operation

61

kg weight

106 H

50 W

56 L

Housing dimensions (cm)

100

Individual programmes can be stored

9

Fan levels

250 cm

Length of the treatment tube

Sets new standards in operating convenience

All of the important operating elements are clearly arranged and thus easy to reach at an ergonomic height. This allows successful operation from the very start.

And with the optional support arm, you always have one hand free. In addition, the lightweight tube can be connected to various laser handpieces using nozzles or adapters. This greatly facilitates treatment with two devices at the same time.

The user can precisely adjust the air stream for each patients.



Cryo

6

Treat painlessly at -30°C

Economical

Saves energy and cuts costs

- Room air is filtered and cooled through a closed cooling circuit to -30°C
- Energy-saving standby operation
- Cost-effective: no consumables



Simple maintenance

Time for important tasks

- Air filter is easily accessible and easy to vacuum if soiled
- The amount of defrost water is automatically monitored
- The defrosting function ensures smooth operation



Ergonomic, stylish, high-performance

Designed for modern practice

- Large glass shelf plate
- High-performance: all-day operation possible
- An optional support arm enables hands-free operation
- Clips and adapters can be connected, for example, for single-handed laser treatment

-30°C





Simple operation

With its clear display, the Cryo 6 can be operated quickly and intuitively. Six pre-set programmes can be selected using the convenient control buttons. Select program, press "Start" and you're ready to begin!

An optional support arm facilitates hands-free operation.

The lightweight tube can be connected to various laser handpieces through nozzles or adapters. The air stream can be easily controlled by the user.

- 6** programmes with preset parameters (air stream, treatment time)
- 3** user-defined programmes
- 1** user-defined Favourites programme

200 cm Length of the treatment tube

1.7 kW Max. power consumption during therapy

1 kWh* Standby operation

64.5 H

39 W

68 L

Housing dimensions (cm)

MD Fan levels **9**

60 kg weight

Cryo

Mini

Efficient application



Satisfied patients

The simultaneous application of cold air in combination with laser or IPL applications not only reduces pain but also prevents thermal damage to the skin which also enables treatments over a longer period.

CryoMini needs only normal room air which is filtered and cooled to -10°C. The device is virtually maintenance-free and there are no consumables. The shelf plate is ideal for holding devices, such as laser and IPL systems.

180 cm

Length of the treatment tube

MD

Fan levels

9

65 H
33.5 W
60 L

Housing dimensions (cm)

1.5 kW

Max. power consumption during therapy

35 .5

kg weight

Extras

Optional accessories



Support arm

An optional support arm facilitates hands-free operation.



Laser adapter

To secure the treatment tube to your laser – brings the cold air precisely to the site of pain.



Treatment tube

Neoprene and lightweight treatment tube – optionally in 2 m & 3 m lengths. (Cryo 6 / CryoMini).

Basic equipment



Water tank



Air filter (Cryo 7 / Cryo pro)

Zimmer Group worldwide

ISO 13485 certified

active in **111** markets



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employees

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in medicine

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in Neu-Ulm

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