

Cryotherapy

Targeted surface cooling of tissue



TECHNOLOGY FOR THERAPY

PHYSIOMED[®]



FRIGOSTREAM

Environmentally friendly cryotherapy in a compact design

The compact FRIGOSTREAM cryotherapy unit offers optimised performance in a minimum of space and is available in five different versions. It generates cold air with an adjustable current of air of up to 1500 l/min and thus enables targeted cooling of body areas with the recognised advantages over CO₂ and ice packs. If used correctly the risk of cold damage is excluded.

FRIGOSTREAM operates with an energy source that costs nothing - air - and is therefore always ready for use and has no resource replenishing problems. Like an air conditioning system, the ambient air is cooled down and blown onto the skin through a treatment tube without direct contact at temperatures of up to -60 °C (see technical data). Various tubes and nozzles permit easy targeted treatment.

The de-icing function, which requires no water emptying on the user's part (with the exception of C200/C600), is particularly user-friendly. The FRIGOSTREAM line refrigerant loop is a closed system and requires no maintenance whatsoever.



Pain therapy with cooled air



Cryotherapy

Cryotherapy is based on surface cooling and thus local reduction of tissue temperature. Cold air therapy uses a continuously cooled stream of air within a constant temperature range, which results in a series of thermoregulatory effects that differ from other cold application forms (e.g. ice or cold packs) and are desirable for various indications, including acute and chronic pain (especially in sport physiotherapy) and rheumatism. Cold air therapy is also used to cool the skin surface during laser treatment.

In detail, there are the following specific physiological effects of cryotherapy with cold air flow:

- » Reduction in the sensitivity of sensory nerves
- » Reduction in nerve conduction
- » Immediate vasoconstrictive effect

SPECIAL FEATURES

Cryotherapie

Cold air from $-32\text{ }^{\circ}\text{C}$ to $-60\text{ }^{\circ}\text{C}$

Adjustable stream of air up to 1500 l/min.

Very short cooling down phase

De-icing function

Maintenance-free refrigerant loop

Standard slotted nozzle

- ① Nozzle attachments in three sizes for effective treatment
- ② Flexible, double-wall tube (1.70 m long)
- ③ Therapy arm for fast and easy placement of the tube over a clip-on system (option)
- ④ FRIGOSTREAM is also available with a special smaller diameter tube to maintain cooling at a constant level over an extended period for thermal laser treatments

GENERAL FEATURES

Intuitive operation

Touch screen



TECHNICAL DATA

FRIGOSTREAM, FRIGOSTREAM Premium and Turbo:

Protection class	1, type B
Power connection	230 V $\pm 10\%$ or 110 V $\pm 10\%$ *
Mains frequency	50 – 60 Hz
Power consumption	\varnothing 650 W (500 W**, 850 W***)
Cooling capacity	up to $-32\text{ }^{\circ}\text{C}$ ($-40\text{ }^{\circ}\text{C}$ ***)
Air capacity	350 – 1500 l/min. (350 – 1200 l/min**)
Dimensions (W x H x D)	360 x 930 x 480 mm
Weight	53 kg

*Turbo only 230 V $\pm 10\%$ **Premium ***Turbo

FRIGOSTREAM C200 und C600:

Protection class	1, type B
Power connection	230 V $\pm 10\%$
Mains frequency	50 – 60 Hz
Power consumption	900 W (1400 W*)
Cooling capacity	up to $-40\text{ }^{\circ}\text{C}$ ($-60\text{ }^{\circ}\text{C}$ *)
Air capacity	350 – 1500 l/min.
Dimensions (W x H x D)	380 x 1020 x 540 mm
Weight	65 kg (80 kg*)
	*C 600

STANDARD ACCESSORIES

[1] Nozzle attachment 5 mm

[1] Nozzle attachment 10 mm

[1] Nozzle attachment 15 mm

[1] Operating instructions

[1] Slotted nozzle

[1] Tube

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