

CRIOSIX

CRYOTHERAPY COMBINED
WITH THERAPEUTIC ULTRASOUND

- ❄️ 2 TREATMENT HEADS
- ❄️ 2 ULTRASOUND FREQUENCIES
1 MHz and 3 MHz
- ❄️ STRONG STRUCTURE



HANDPIECE
HOLDING ARM



CRIOSIX

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It is well known how this device has been first used in sport rehabilitation, where athletes recovery has been made faster and more efficient thanks to the functional characteristics of crio-ultrasound therapy, which makes it possible to treat both recent accidents and subacute /acute inflammatory conditions.

This device has subsequently taken hold in classic rehabilitation and has been giving for ten years now an important therapeutic support to operators, who have been using it more and more frequently and decisively.

CrioSix II features two treatment heads, which can be cooled to a temperature of 8 degrees below zero; one of the heads is able to provide simultaneously an ultrasonic wave at 1 Mhz, the other one an ultrasonic wave at 3 MHz. The synergy produced by the application of ultrasound therapy at 3 MHz or 1 Mhz together with crio-therapy makes it possible to take advantage of biological effects in the field of physiotherapy in order to treat orthopedic and trauma disorders, such as degenerative and acute diseases related to soft tissue, bursitis, capsulitis, tendinitis, epicondylitis, ruptured tendon, recent trauma, etc..

This medical device can be used in the field of physical therapy for therapeutic purposes by qualified and trained staff, such as physiatrists, orthopedists, physiotherapists, sports doctors.

Criosix II appliance is equipped with bogies, and has a touch screen interface on a 7 inch panel placed on the top of the device. This interface allows you to monitor and display parameters by using the nib provided.

The working page is divided into 3 sections:

Two side sectors, useful to work with ultrasound, display:

- Power
- Emission mode
- Start/Stop Button to enable or disable treatment
- Button leading to working page
- Treatment time left with count-down scrolling system

Crio sector displays instead:

- Temperature status of treatment heads
- Compressor activation status
- Button to set the desired working temperature
- Value of the desired working temperature

Power supply	230 V, 50 Hz
Grid power	650 VA
Grid fuses	2 x 4 A rit.
Ultrasonic source 1 MHz	Quartz sheet
Effective maximum intensity	3 Watt x cm2
Emission mode	Continuous-Pulsed-Intermittent
Pulsed mode modulation wave-form	Square wave
Pulsed mode modulation frequency	50 Hz
Intermittency time	3 Sec action and 2 Sec pause
Effective radiation area (ERA)	7 cm2
Ultrasonic source	3 MHz
Grid power	650 VA
Grid fuses	2 x 4 A rit.
Ultrasonic source 1 MHz	Quartz sheet
Effective maximum intensity	3 Watt x cm2
Emission mode	Continuous-Pulsed-Intermittent
Pulsed mode modulation wave-form	Square wave
Pulsed mode modulation frequency	50 Hz
Intermittency time	3 Sec action and 2 Sec pause
Effective radiation area (ERA)	7 cm2
Ultrasonic source 3 MHz	Quartz sheet
Effective maximum intensity	2.5 Watts x cm2

Emission mode	Continuous-Pulsed-Intermittent
Pulsed mode modulation wave-form	Square wave
Pulsed mode modulation frequency	50 Hz
Intermittency time	3 Sec action and 2 Sec pause
Effective radiation area (ERA)	4.9 cm2
Cryotherapy	to - 8° C
Thermostat	One-step
Treatment head	Body made in Delrin and terminal in steel
Beam non-uniformity rate (BNR) of each head	4.4
Beam type	Parallel waves
Timer	with countdown indication
Insulation class	I (CEI 62-5/CEI 62-23)
Medical device class	IIA (Directive 93/42 EEC)
Applied parts type	BF
Electromedical device type	Movable
Degree of protection from penetration of dust or water	Appliance: IP21 - Head: IP57
Degree of safety for use in the presence of flammable mixtures	Unprotected device
Dimensions	cm 64 x 59 x h 150
Weight	approx. 75 kg