

CRYO ULTRASOUND THERAPY

What is Cryoultrasound therapy?

The therapy with USF1 cold ultrasound (also called crio ultrasound therapy), is a new therapy, of great effectiveness for the treatment of inflammation and pain. Anti-inflammatory action of ultrasound, in fact, is associated with the analgesic, anti-edema and analgesic cryotherapy (cold therapy).

How does work Cryoultrasound therapy ?

The anti-inflammatory, analgesic and anti-edema is expressed due to various factors: the mechanical factor, represented by the "set in vibration" by the ultrasonic cells of the treated tissue, thus determining a sort of "micro" in depth, and the thermal factor: the temperature increase induced by the ultrasound promotes vascularization and the elimination of the molecules responsible for inflammation (toxic metabolites), however the temperature increase occurs only at the surface level, thus removing the blood to the muscles and thereby obtaining haemostatic action, (ie stop the leakage of blood), very useful after trauma; the other hand, the action of cold, (which first causes vasoconstriction immediate, but then vasodilation by "vasoparalysis"), is represented essentially of an analgesic effect and relaxant; the chemical factor: ultrasound accelerate the scrapping of toxic metabolites responsible for inflammatory; also applying an ointment anti-inflammatory ultrasound facilitate its penetration in the tissues, (thereby increasing the effectiveness), with a technique sonophoresis. The ultrasound emission from the head may be continuous or intermittent; likewise, the operator/Dating, use the handle in a circular motion or keep him still.



SPECIFICATION

- Power Supply : Power mains AC 220V 50/60Hz
- Display : LCD 7" touch screen display No.
- Output Channels : 1
- No. of programs : Multiple
- Timer : Adjustable from 0 to 60 minutes

TECHNICAL SPECIFICATION

- Cryotherapy probe : 62 mm
- Power supply : 230V/50HZ -
- Max. absorption : 660VA
- Emission : Continuous/
Puled(10/20/50/100HZ)
- Transducer : Piezoelectric Ceramic
- Cryotherapy : Adjustable up to -9.9°C
- Emission Frequency : 1MHZ
- Power Density : Adjustable from 0.1 to 3.0W/cm²
- Timer : Up to 60 Min.
- Size : 38Wx45Dx114H cm (Excluding Arm)

ORDERING DETAILS

CODE:	DESCRIPTION
UFS1	Professional Cryo Ultrasound Therapy