

CryoT



Portable Peltier effect cryotherapy device

REHABILITATION AND SPORTS MEDICINE

The effects of vasoconstriction, analgesia, the reduction of oedema and muscle contracture facilitate the treatment of haematomas, sprains, contusions and muscular spasm.

IDEAL IN THE ACUTE PHASE

- reduces pain
- decreases blood flow
- helps prevent swelling
- activates anti-inflammatory effects



CE 0434



BACK TO MOTION

Operational features and technology



- Microprocessor control unit
- Monochromatic high brightness touch screen display
- High thermal conductivity handpiece applicator
- Temperature monitoring
- Temperature measurement through NTC sensors
- Heat pump for cooling (Peltier effect thermoelectric modules)
- Manual setting range for the "cold" plate: from +2° to +10°C
- Default temperature on the "cold" side: +4°C
- Pre-set modes menu for most frequent applications
- Small and light for easy transport

Technical specifications



Supply voltage and frequency 90 ÷ 240 VAC, 50 ÷ 60 Hz
Maximum current absorbed 1 A



Size 330x470x220 mm
Weight 7,5 Kg



Room temperature range at which device functions +2 ÷ +30°C
Relative humidity (without condensation) 0 ÷ 75%
Atmospheric pressure 700 ÷ 1060 mbar



Device conforming to directive 93/42 CEE



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COMPANY WITH QUALITY SYSTEM
CERTIFIED BY DNV =ISO 13485=

Cryotherapy in combination with laser



This method of cooling the tissues is an effective way for the Easytech **SPEAR Lasers** radiation to penetrate; it slows down the cellular metabolism reducing both local blood flow and the risk of edema calcification inducing a reactive hyperemia in depth. Moreover it promotes the laser beam penetration, prevents surface overheating during the administration of high doses of energy, has an excellent analgesic power and allows an early instrumental investigation of any possible trauma by blocking the extravasation.