



Tecarpuls



Next generation deep heat



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Tecarpuls

Smart technology by Enraf-Nonius

The Tecarpuls is a special device for CET therapy (Capacitive Energy Transfer), a non-invasive treatment that awakens the body's natural ability to self-regenerate, using a frequency of 500 kHz.

The Tecarpuls produces "deep heating" in a controlled manner using electromagnetic energy (diathermy). The reactions produced by the Tecarpuls through capacitive electrodes are focused on soft tissues, muscles and peri-articular structures.





Tecarpuls

The transfer of energy generates optimal, local deep heat, which immediately increases local circulation, reduces pain, improves elasticity and therefore improves mobility. The main advantage is that it significantly shortens recovery time in the event of acute and chronic injuries.

Tecar therapy has been used with great success since 1988. Several clinical reports from research institutes worldwide have proven its remarkable effect on various injuries as seen in dermatology, traumatology and sports medicine. The localized induction of deep heat in the treated area causes an expansion of blood vessels, an increase in blood flow and an increase in metabolic rate.

It also leads to higher elasticity in soft connective tissues improving flexibility. In addition, the localized warming lowers muscle tone. Stimulation of the thick nerve fibres provides increased nerve conduction velocity, giving the patient a clear advantage with regard to pain relief when starting rehabilitation.

The physiological responses are mainly attributed to heat output, which is directly related to total power output. Heat, as applied through diathermy, is a common treatment during a physical therapy treatment regimen.

Tecarpuls

Musculoskeletal injuries

(contractures, muscle tears and pulls, tendonitis, sprains, synovitis, bursitis)

Treatment of painful joint diseases

(osteoarthritis, arthritis, rotator cuff disease)



Improving muscle and soft tissue extensibility and improving range of motion

Inflammatory processes that are accompanied by pain in the extremities and in the spinal column (cervicalgia, lumbago, sciatica, herniated disk, carpal tunnel syndrome, tension headaches)

Tecarpuls

- Tecar Therapy device
- Next generation deep heat
- Capacitive electrodes

Increases circulation

Reduces pain

Increases elasticity

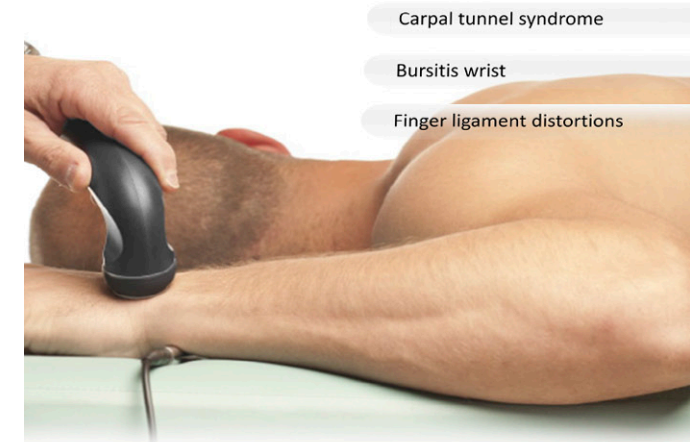
Improves mobility



Tecarpuls

- Safe and effective solution for "deep heat" diathermy
- Monofrequency 500kHz CET system (Capacitive Energy Transfer)
- Handpiece with Energy Control System for accurate and convenient adjustment of power
- Two electrodes (Ø23mm and 30mm) with fast-click system
- No comprehensive accessory package required
- Colour touch screen
- Quick Access Menus
- Indication-based library (pathology library) with easy-to-use predefined treatment protocols

The affordable **no-nonsense** solution
that excels in terms of ease-of-use and simplicity!



Carpal tunnel syndrome

Bursitis wrist

Finger ligament distortions

Tecarpuls

1730901 Tecarpuls (100-240V, 50/60 Hz)

Standard accessories

Treatment electrode, Ø 30mm

Treatment electrode, Ø 23mm

Patient circuit return electrode steel bar with Ø 4mm connector

Silicone block

Complete remote handle

Electrode cable, black

Power Supply cable

Therapy Cream, bottle 1ltr

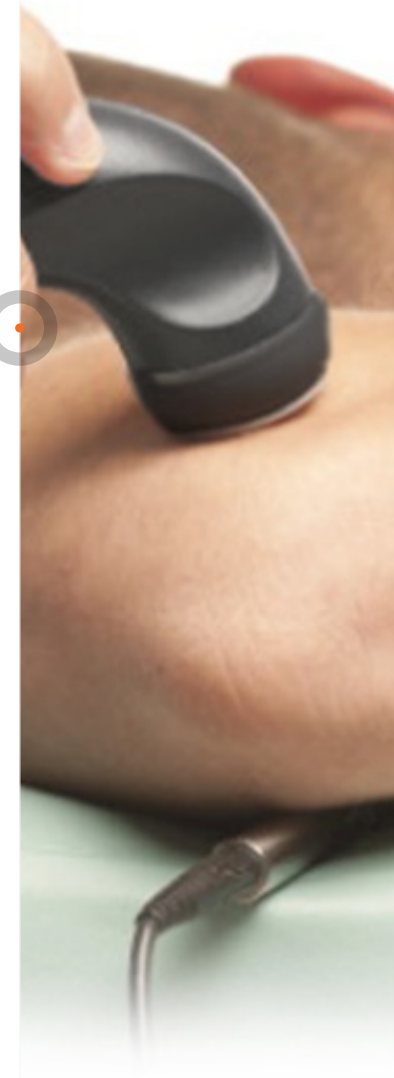
Optional accessories

3444587 Electrode Cream, bottle 1 ltr, box of 9

3444588 Electrode Cream, canister of 5 ltr

3444589 Hand-pump for 5 ltr canister

ORDERING DATA



Tecarpuls

TECHNICAL SPECIFICATIONS

Mains voltage	100-240 Volt ~
Frequency	50/ 60 Hz
Maximum power consumption	144 VA

The device:

Patient leakage current	better than IEC-req. (IEC \leq 100 μ A)
Ditto, first wrong condition	better than IEC-req. (IEC \leq 500 μ A)
Dimensions	302x300x126,5 mm (lxwxh)
Weight	4.3 kg
Fuses	2xT 2.5A H 250Vu

This is a medical device.

It complies with all applicable medical regulations. For more details please consult the instructions for use (downloadable via www.enraf-nonius.com).



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