All the power you need!



www.elettronicapagani.it
www.roland2.it

ELETTRONICA PAGANI MEDICAL DEVICES

DX-500

Short-waves diathermy device



MADE FOR MEETING ALL YOUR REQUIREMENTS!

Continuous and pulsed emission modes

Continuous emission mode for using at the best way the available power of the unit until 470 W, particularly for the most complex parts of the body, into the deepest tissues and into the chronic pathologies.

Pulsed emission mode up to 1100 W for avoiding fast assuefation, or reducing the thermal effect, making more important the electromagnetic field, particularly into the acute phases and into the pathologies of muscles and tendons which are near to the radiating part.



Pair of disc electrodes diam. 130 mm

Capacitive, Inductive and Resistive modes

The wide range of available accessories along with the high technological solutions, allow the operator to use DX-500 into Capactive, Inductive and Resistive modalities.

So, while the most traditional capactive mode permits to get in touch with the deepest tissues for provoking both thermal and electromagnetic effects, inductive mode is mainly used for concentrating electromagnetic field into a certain area, normally using lower thermal effects and making more important electromagnetic stimulation from the soft tissues up to the hardest tissues.

Resistive mode is made by using a small electrode over or close to the interested area to be treated and a greater electrode over a neutral part of the body for concentrating thermal and electromagnetic effects near to the affected area.



Pair of disc electrodes diam. 80 mm

Automatic tuning

The advanced electronic automatic tuning device, always grants the most correct coupling between patient and electrodes, in order to perform the most effective energy transfer.



Pair of cables



THE BEST SOLUTIONS FOR THE BEST EFFECTIVENESS

Made for performing one of the most traditional and effective physiotherapy treatment, DX500 is also provided with several special features able to enlarge versatility, effectiveness and quality of each treatment.
From the mechanical point of view, DX500 is made by a very simple and rational shape, for granting simple and comfortable movements: DX500 is provided with the best solutions in terms of electronics and technology for granting reliability and performances.



Large field electrode



Monopolar electrode with adapter



Felts for rubber electrodes



Rubber electrodes





Main technical featuters

- Wheeled frame device: cm 40x40x90 h
- Protection class: 1 BF
- Power supply 230 V +6%/-10% - 50/60 Hz; 115 V
- Working frequency: 27,12 MHz
- Tuning device: automatic
- Operation modes: Capacitive, Resistive and Inductive
- Emission modes: continuous and pulsed
- Pulse width: 400 microsec
- Adjustable frequency from 20 to 200 Hz
- Intensity: adjustable from zero to 470 W (1100, pulsed mode)
- Liquid crystal display
- Manual setting and pre-set protocols

Available accessories

- White colour (standard); Nextel grey (on request)
- Pair of 130 mm disc electrodes
- Pair of 80 mm disc electrodes (on request)
- Pair oif rubber electrodes mm 240x160 (standard)
- Pair of rubber electrodes mm 160 x 100 (on request)
- Pair of felts mm 240 x 160 (standard)
- Pair of felts mm 160 x 100 (on request)
- Pair of arms (standard)
- Elastic strap (standard)
- Large field electrode (on request)
- Monode (on request)
- Adaptor for monode (on request)
- Neon light (standard)

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