



Tecar therapy

T Care Plus



T Care Plus

Professional and well-rounded device for multifrequency tecar therapy.

Our T Care Line identifies an array of devices for capacitive resistive diathermy available in different models, each developed to meet the multiple needs of our users.

T Care Plus has become a staple in physiotherapy and sports medicine both for its efficacy and functional versatility. It efficiently treats musculoskeletal and pathologies related to the integumentary system.

The device offers as optional accessories two bipolar handpieces with different diameters, which, together with its specific monitoring software allow to perform dermato-functional treatments and to treat skin blemishes.

- 4 working frequencies: 420, 500, 720 and 1000 KHz
- Continued or pulsed emission
- Measurement and Indication of the energy transferred to the tissues (J)
- Display of the tissue Resistance Index
- Power adjustable up to 300 W - 400 Va
- Color touchscreen display
- Power and start/stop control knobs
- Monopolar handpieces Cap and Res with light indicator of emission
- Compatible with bipolar handpieces for face and body with light indicator of emission



Basic configuration



resistive and capacitive electrodes Ø 75 mm



resistive and capacitive electrodes Ø 55 mm



resistive and capacitive electrodes Ø 35 mm



resistive functional electrode



flexible stainless steel return plate



adhesive return plate



elbow pipes



conductive cream 1000 ml

Optional accessories



physio-aesthetic bipolar electrodes



resistive and capacitive electrodes Ø 25 mm



convex capacitive electrode



Manual Assisted Therapy Kit



four-way multiplexed resistive electrode



dynamic return electrode



cylindrical resistive handpiece



rigid stainless steel return plate

T Care Plus in orthopedic rehabilitation and dermatofunctional physiotherapy

Tecar therapy acts from the inside non-invasively and amplifies the natural biological effects of the repair and anti-inflammatory processes of the various body districts.

A series of handpieces connected to the radiofrequency generator and some easy procedures allow the operator to work on the patient by inducing deep, dosed, and targeted energy stimulations.

Among the optional electrodes, the possibility to utilize instruments for AMT, Assisted Manual Therapy, characterized by an ergonomic design, allows to specifically target contractures and muscle pathologies.

T Care Plus can also work autonomously thanks to the multiplexed electrodes which issue current in sequence, delivering the user from directly acting on the patient.

By using the resistive functional electrodes, it is possible to perform treatments in motion that combine physical exercise with diathermy.

Additionally, the bipolar handpieces allow to perform dermato-functional treatments as well.

In the dermato-functional field, physiotherapists take care of patients suffering from pathologies and disorders of the integumentary system, aiming at the promotion and improvement of the aesthetic conditions that influence the quality of life.

Overall, the effects of T Care Plus translate into a reduction of pain and of the inflammatory state, and of the healing and recovery times of both joint range and motor functions.

From a dermato-functional point of view, the device rebalances cellular metabolism by making the tissue look more compact and younger. It improves microcirculation, reduces edema, fat deposits and skin relaxation.



Technical features

Sales configuration

- T Care Plus unit
- 2 handpieces with light marker
- 3 resistive electrodes (Ø 35, 55, 75 mm)
- 3 capacitive electrodes (Ø 35, 55, 75 mm)
- 1 resistive functional electrode
- 1 flexible stainless steel return plate
- 2 adhesive return plates
- 2 elbow pipes
- 1000 ml conductive cream with dispenser

Optional accessories

- 2 physio-aesthetic bipolar electrodes
- 1 resistive and 1 capacitive electrodes (Ø 25)
- 1 convex capacitive electrode
- 1 Assisted Manual Therapy Kit
- 1 four-way multiplexed resistive electrode
- 1 ogival electrode
- 1 dynamic reference electrode
- 1 cylindrical resistive handpiece
- 1 rigid stainless steel return plate

Size and weight

- T Care Plus unit
- 49 x 39 x 18,5h cm; 8,6 kg

Powerful and well-rounded device with 4 different frequencies.

Electrical features

- Working frequencies:
420 kHz $\pm 5\%$, 500 kHz $\pm 5\%$,
720 kHz $\pm 5\%$, 1000 kHz $\pm 5\%$
- Output power RES (su 80 ohm): 300 W
- Output power CAP (su 1000 ohm): 400 Va
- Maximum output voltage on the resistive electrode: 400 Vpp
- Maximum output voltage on the capacitive electrode: 600 Vpp
- Mains voltage and frequency: 100 - 230 Vca, 50 / 60 Hz
- Maximum absorption: 350 W
- Electrical protection: 2 fuses 4A

Operating Environment

- Temperature: [+10, +40] °C
- Relative Humidity (w/o Condensation): [0-75] %
- Atmospheric pressure: [700, 1060] mbar

Classification

- Medical device IIb class

Certification

- T Care Plus is a medical device compliant with EU Regulation 2017/745



Dermatofunctional treatment with resistive bipolar electrode.



Assisted Manual Treatment with one of the kit instruments and a return plate.



Treatment with activ electrode and adhesive return plate.



Treatment with four-way multiplexed resistive electrode and flexible return plate.

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