

T CaRe

Tecartherapy

Capacitive Resistive Diathermy

T CaRe

ENERGY MADE TO MEASURE

easytech

T CaRe Plus

T CaRe Power

T CaRe Compact

T CaRe, THE ITALIAN EFFECTIVE DIATHERMY SOLUTION

Up to 4 working frequencies: 420-500-720-1000 Khz

The possibility of selecting a specific frequency allows to optimise the treatment at different tissue depths.

Constant Voltage emission

The sophisticated tension control guarantees repeatability of energy delivery and maximum comfort of treatment.

Measurement and indication of the energy delivered to the tissues (J)

Monitoring on the energy administered enables improved operational efficiency and allows a correct and repeatable energy dosage.

Possibility to select between "Time" and "Energy" modality

By choosing the "Energy" modality, an efficient transfer of energy amount is improved.

Display of Resistance Index

The Resistance Index combined with the experience of the operator allows differentiating body structures and enables treatment control optimization.

Continuous and pulsed emission

The possibility to emit energy in pulsed mode allows to carry out "athermal treatments" with power levels above the efficacy threshold.

Optimize the depth of treatment

Improve heat transfer between electrode and patient

Monitor the effectiveness of the energy delivered

Deliver the proper amount of energy

Customize the treatment



T CaRe

EFFECTIVE, SAFE & VERSATILE

PHYSIOTHERAPY, SPORTS MEDICINE, PAIN
THERAPY AND AESTHETIC PHYSIOTHERAPY
TREATMENTS

The TCaRe line identifies a range of instruments for Capacitive and Resistive Diathermy declined in different models, each designed to best meet the needs of the individual user.

The TcaRe devices, designed and manufactured in Italy, allow to work with a greater frequency and power up to 300 W. The use of the devices enables to amplify the natural biological effects of the reparative and anti-inflammatory processes of the musculoskeletal system. A series of special handpieces connected to the Radiofrequency generator and a few easy procedures allow the operator to work manually on the patient applying a targeted and dosed heating action. The resulting effect simplifies the treatment, reduces the pain and accelerates the healing process.

A wide range of accessories combined with the experience of the operator transform the treatment with TcaRe into a real method to enhance functional recovery.





OPERATIONAL FEATURES

Up to 4 working frequencies: 420-500-720-1000 Khz

Designed for Automatic hands-free treatments

Configured for Aesthetic Physiotherapy treatments with handpieces using bipolar electrodes

Power up to 300/400W, adjustable in continuous

7" touchscreen high-resolution color Display

Measurement and indication of the energy delivered to the tissues (J)

Continuous and pulsed emission

Possibility to select between TIME and ENERGY modality

Power control knob Emission Indicator

Light indicator for active electrode

Electrodes with security protection

BF type applied part for the absolute safety of the patient and the operator

Wide range of options and accessories

Carrying Bag included

T CaRe Plus

PROFESSIONAL & COMPLETE





OPERATIONAL FEATURES

Up to 4 working frequencies: 420-500-720-1000 Khz

Power up to 300/400W, adjustable in continuous

Display touchscreen b/w 5"

Measurement and indication of the energy delivered to the tissues (J)

Continuous and pulsed emission

Possibility to select between TIME and ENERGY modality

Power control knob Emission Indicator

Light indicator for active electrode

Electrodes with security protection

BF type applied part for the absolute safety of the patient and the operator

Wide range of options and accessories

Carrying Bag included

T CaRe Power

POWERFUL
& VERSATILE





OPERATIONAL FEATURES

Working frequency: 500 Khz

Power up to 200/250W, adjustable in continuous

Display touchscreen b/w 5"

Measurement and indication of the energy delivered to the tissues (J)

Display of resistance Index

Continuous and pulsed emission

Possibility to work selecting TIME or ENERGY

Power control knob Emission Indicator

Light indicator for active electrode

Electrodes with security protection

BF type applied part for the absolute safety of the patient and the operator

Wide range of options and accessories

Carrying Bag included



T CaRe Compact LIGHT & COMPACT



MANUAL TREATMENTS WITH DIFFERENT ERGONOMIC ACCESSORIES SUCH AS HANDPIECES & ELECTRODES



Convex Capacitive Electrode



Pair of elbow pipes for handpieces



DYNAMIC-ASSISTED TREATMENTS



Certified conductive cream



Return electrode (handpiece)



Movable Return electrode



FUNCTIONAL TREATMENTS



Functional Resistive Electrode



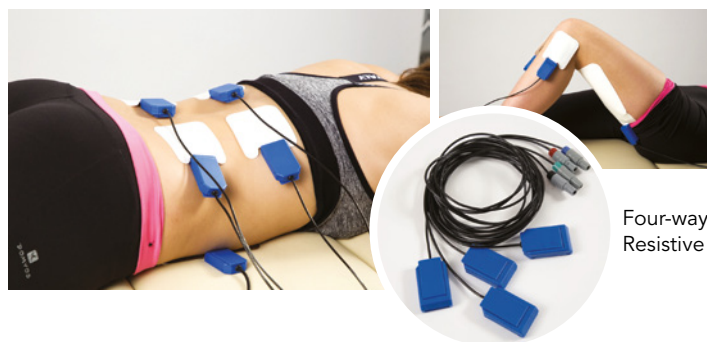
Adhesive Return Electrode (plate)



T CaRe

TREATMENTS & ACCESSORIES FOR MAXIMUM RECOVERY

MULTIPLEXED AUTOMATIC TREATMENTS



Four-way Multiplexed
Resistive Electrode

The experience and the knowledge of the operator together with a wide range of accessories allow to realize effective and customized working methods for maximum functional recovery.

BODY & FACE TREATMENTS



Body & Face Bipolar
Handpieces

MANUAL ASSISTED TREATMENTS



Electrodes for manual
assisted treatments

T CaRe Plus

Sales Configuration

T CaRe Plus
N.2 Self illuminated handpieces
Metal case complete with:
N.3 resistive electrodes, 35-55-75
N.3 capacitive electrodes, 35-55-75
N.1 stainless steel return plate
N.2 adhesive return plates
Predisposition for Physio-aesthetic
and Automatic treatments
N.1 dispenser Kg 1 cream
Carrying Bag

Options

Resistive multiplexed electrode
Bipolar electrodes Body/Face
Elbow pipes
Resistive functional electrode
Cylindrical resistive handpiece
Reference cylindrical electrode
Dynamic reference electrode
Rubber flexible return plate

Technical Features

T CaRe Plus

Legislative Classification 93/42CEE

Medical device Class II b

Classification EN 60601-1

Class I applied part BF

Microprocessor Control Unit

**Color Display with Touch screen
high brightness**
7"

Working frequencies

420 kHz $\pm 5\%$, 500 kHz $\pm 5\%$
720 kHz $\pm 5\%$, 1000 kHz $\pm 5\%$

Output Power RES (on 82 ohm)

300 W

Output Power CAP (on 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

Dimensions and weights

49 x 39 x 24h cm; 8,6 kg

Operating Environment

Temperature: [+10, +40] °C

Relative Umidity (w/o Condensation): [0, 75] %

Atmospheric pressure: [700, 1060] mbar

Certification

TCaRe Plus complies with the requirements
of Directive 93/42 CEE

T CaRe Power

Sales Configuration

T CaRe Power
N.2 Self illuminated handpieces
Metal case complete with:
N.3 resistive electrodes, 35-55-75
N.3 capacitive electrodes, 35-55-75
N.1 stainless steel return plate
N.2 adhesive return plates
N.1 dispenser Kg 1 cream
Carrying Bag

Options

Elbow pipes
Resistive functional electrode
Cylindrical resistive handpiece
Reference cylindrical electrode
Dynamic reference electrode
Rubber flexible return plate

Technical Features

T CaRe Power

Legislative Classification 93/42CEE

Medical device Class II b

Classification EN 60601-1

Class I applied part BF

Microprocessor Control Unit

**Monocromatic Display
with Touch screen high brightness**
130 x 72 mm

Working frequencies

420 kHz $\pm 5\%$, 500 kHz $\pm 5\%$
720 kHz $\pm 5\%$, 1000 kHz $\pm 5\%$

Output Power RES (on 82 ohm)

300 W

Output Power CAP (on 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

Dimensions and weights

33 x 47 x 22h cm, 7,5 kg

Operating Environment

Temperature: [+10, +40] °C

Relative Umidity (w/o Condensation): [0, 75] %

Atmospheric pressure: [700, 1060] mbar

Certification

T CaRe Power complies with the requirements
of Directive 93/42 CEE

T CaRe Compact

Sales Configuration

T CaRe Compact
N.2 Self illuminated handpieces
Case complete with:
N.3 resistive electrodes, 35-55-75
N.3 capacitive electrodes, 35-55-75
N.1 stainless steel return plate
N.2 adhesive return plates
N.1 cream 100 ml
Backpack for easy transport

Options

Elbow pipes
Resistive functional electrode
Cylindrical resistive handpiece
Reference cylindrical electrode
Dynamic reference electrode
Rubber flexible return plate

Technical Features

T CaRe Compact

Legislative Classification 93/42CEE

Medical device Class II b

Classification EN 60601-1

Class I applied part BF

Microprocessor Control Unit

**Monocromatic Display
with Touch screen high brightness**
130 x 72 mm

Working frequency

500 kHz $\pm 5\%$

Output Power RES (on 82 ohm)

200 W

Output Power CAP (on 1000 ohm)

250 VA

Maximum Output Voltage

on the resistive electrode

340 Vpp

Maximum Output Voltage

on the capacitive electrode

500 Vpp

Mains Voltage and frequency

100 ÷ 230 Vca, 50 / 60 Hz

Maximum Absorption

350 W

Electrical protection

2 Fuses 4A

Dimensions and weights

30 x 22,5 x 18,5h cm; 4,4 kg

Operating Environment

Temperature: [+10, +40] °C

Relative Umidity (w/o Condensation): [0, 75] %

Atmospheric pressure: [700, 1060] mbar

Certification

T CaRe Compact complies with the requirements
of Directive 93/42 CEE