



Tecar therapy



T Care Line

easytech



Tecar therapy - T Care Line 

T Care Line

Tecar therapy with a new philosophy.

Tecar therapy is an instrumental physical therapy technique that uses high-frequency currents to stimulate the body's natural healing processes.

With tecar therapy, energy penetrates deep into the tissues and generates internal heat. This activates microcirculation, reduces inflammation and pain, and stimulates cell regeneration.

With the new T Care line, in addition to choosing between two basic devices, you can customise the configuration by adding specific kits according to your needs.

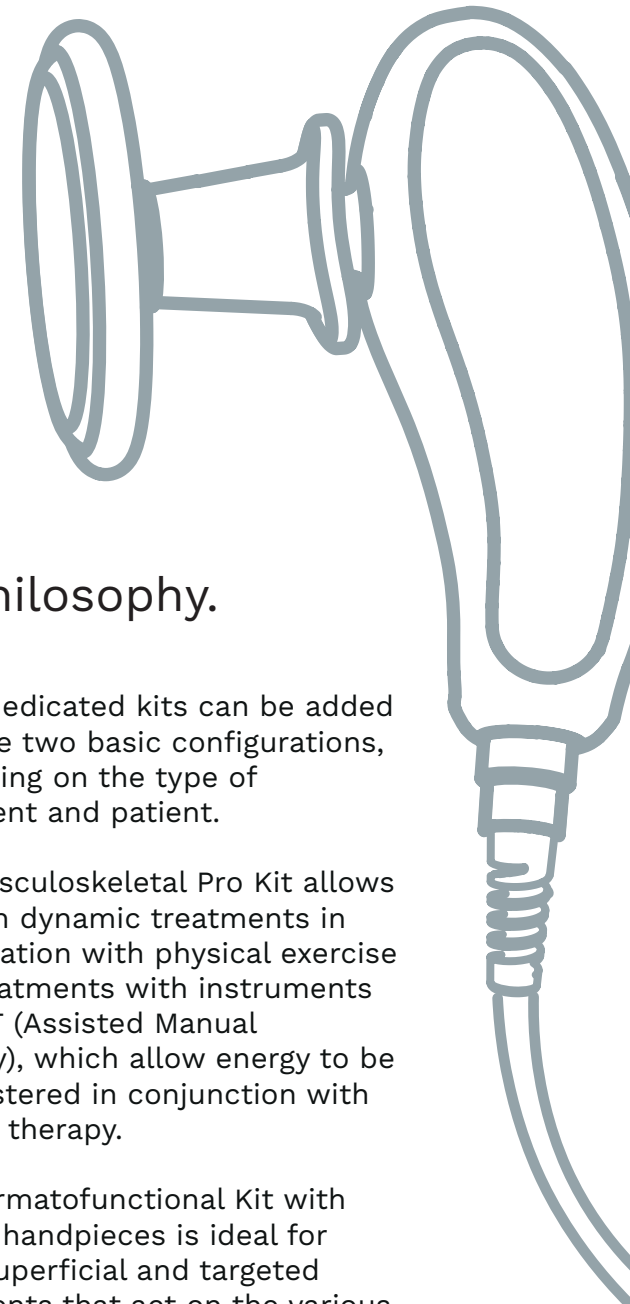
The two basic models are: T Care Compact XP, portable and compact, and T Care Plus, more powerful and highly versatile. Both are equipped with two new handpieces, one capacitive and one resistive, to interchange electrodes of various sizes thanks to a practical fastening system.

Three dedicated kits can be added to these two basic configurations, depending on the type of treatment and patient.

The Musculoskeletal Pro Kit allows for both dynamic treatments in combination with physical exercise and treatments with instruments for AMT (Assisted Manual Therapy), which allow energy to be administered in conjunction with manual therapy.

The Dermatofunctional Kit with bipolar handpieces is ideal for more superficial and targeted treatments that act on the various layers of the integumentary system.

The Urogynecological Kit with intracavitary probes with temperature control, for comprehensive and safe work on the pelvic area.



T Care Compact XP

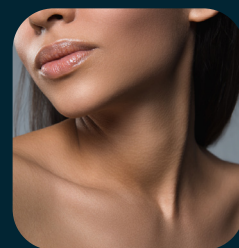


- 2 operating frequencies: 500-1000 kHz
- Continuous or pulsed energy delivery
- Measurement and indication of energy transferred to tissues
- Resistance Index display
- Continuously adjustable power up to 250 W - 320 VA
- High-resolution 5" touchscreen display
- Knob for power adjustment and start/stop control
- Cap and Res monopolar handpieces with electrodes of various sizes
- Three optional kits to cover every area of use

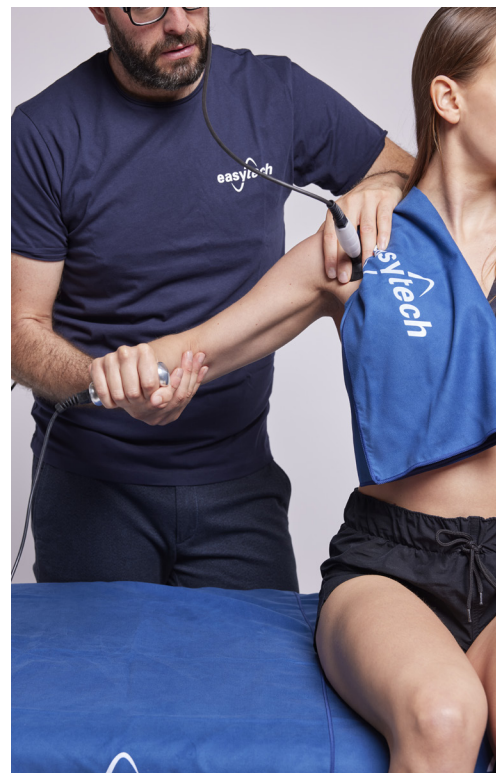
T Care Plus



- 4 operating frequencies: 420-500-720-1000 kHz
- Continuous or pulsed energy delivery
- Measurement and indication of energy transferred to tissues
- Resistance Index display
- Continuously adjustable power up to 300 W - 400 VA
- High-resolution 7" touchscreen display
- Knob for power adjustment and start/stop control
- Cap and Res monopolar handpieces with electrodes of various sizes
- Three optional kits to cover every area of use



The following can be added to the T Care devices:
Musculoskeletal Pro Kit,
Dermatofunctional Kit,
Urogynecological Kit .



Musculoskeletal Pro physiotherapy Kit

Tecar therapy is used in physiotherapy, rehabilitation, and sports medicine to promote functional recovery and accelerate the body's natural repair and anti-inflammatory processes in the musculoskeletal system.

Endogenous stimulation, based on the principle of capacitive and resistive energy transfer, acts non-invasively within biological tissues, accelerating recovery and promoting the functional restoration of various areas of the body.

With the T Care Line, it is possible to use both continuous and pulsed delivery modes, with precise control of the administered energy, ensuring effective benefits in the treatment of human biological tissues.

A set of dedicated handpieces included in the Musculoskeletal Pro physiotherapy kit allows the operator to work manually on the patient, integrating manual therapy with deep, targeted, and personalized energy stimulation.

The combined use of Tecar therapy and AMT, ergonomic tools for assisted manual therapy, represents an excellent approach to enhance therapeutic effects. The mechanical precision of these instruments is combined with deep heat and the biological effects induced by energy delivery. The improvement in outcomes is particularly noticeable in the treatment of myofascial adhesions and work on fibrotic areas.

The use of adhesive electrodes in various sizes also allows for effective integrated treatments in combination with functional exercises.

Therapeutic goals:

- Eliminate pain
- Accelerate healing
- Restore mobility



Dermatofunctional Physiotherapy Kit

In addition to treating numerous musculoskeletal conditions, the T Care Line can be equipped with the dermatofunctional physiotherapy kit, a specialized solution for the prevention and treatment of dysfunctions affecting the dermis and subcutaneous tissues.

This is a rapidly growing field, with numerous clinical and aesthetic applications. Thanks to Tecar therapy's ability to stimulate blood circulation, activate cellular metabolism, and promote fluid drainage, physiotherapists treat patients with conditions and dysfunctions of the integumentary system. The goal is to improve both the aesthetic and functional conditions that affect a person's quality of life.

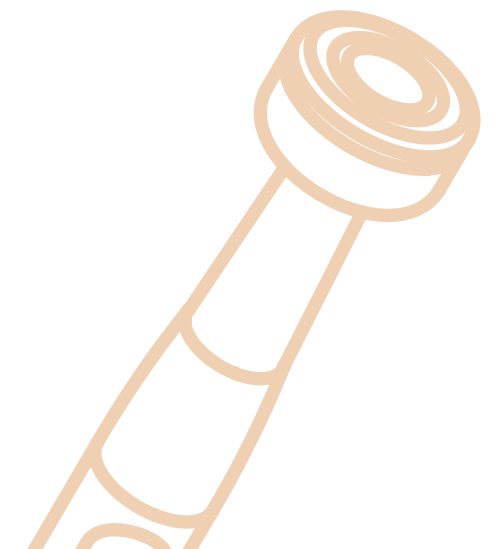
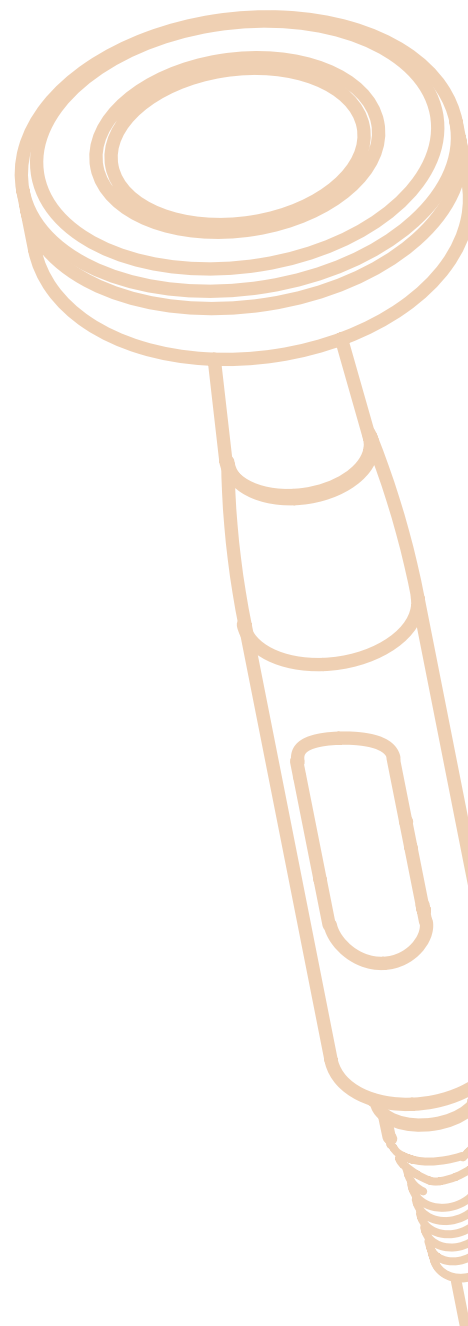
The dermatofunctional kit includes two bipolar handpieces of different sizes, designed for use on face and body. These handpieces enable treatments that focus the delivered energy near the point of application.

The stimulation and increase in temperature of the cutaneous and subcutaneous tissue lead to the contraction of collagen fibers, promoting tissue remodeling and improving cellular oxygenation.

Vascularization and the removal of excess fluids are also concentrated in the superficial layers, helping to reduce localized adiposity and support lymphatic drainage. This mechanism is particularly effective in treating lymphedema and post-surgical swelling.

Therapeutic Goals:

- Improve integumentary system function
- Reorganize collagen fibers
- Increase skin elasticity





Urogynecological physiotherapy Kit

Thanks to the T Care Line devices and the addition of the Urogynecological physiotherapy kit, it is possible to effectively treat pelvic floor disorders. For this purpose, the device uses two specially designed vaginal probes for the treatment of both external and internal tissues. Both probes are equipped with sensors that enable continuous temperature monitoring throughout the treatment.

Pelvic Tecar therapy is a key resource in urogynecological physiotherapy, as it uses endogenous heat to stimulate the deep tissues of the pelvic region. This process promotes microcirculation, reduces inflammation, and supports the regeneration of muscles, fasciae, and mucous membranes.

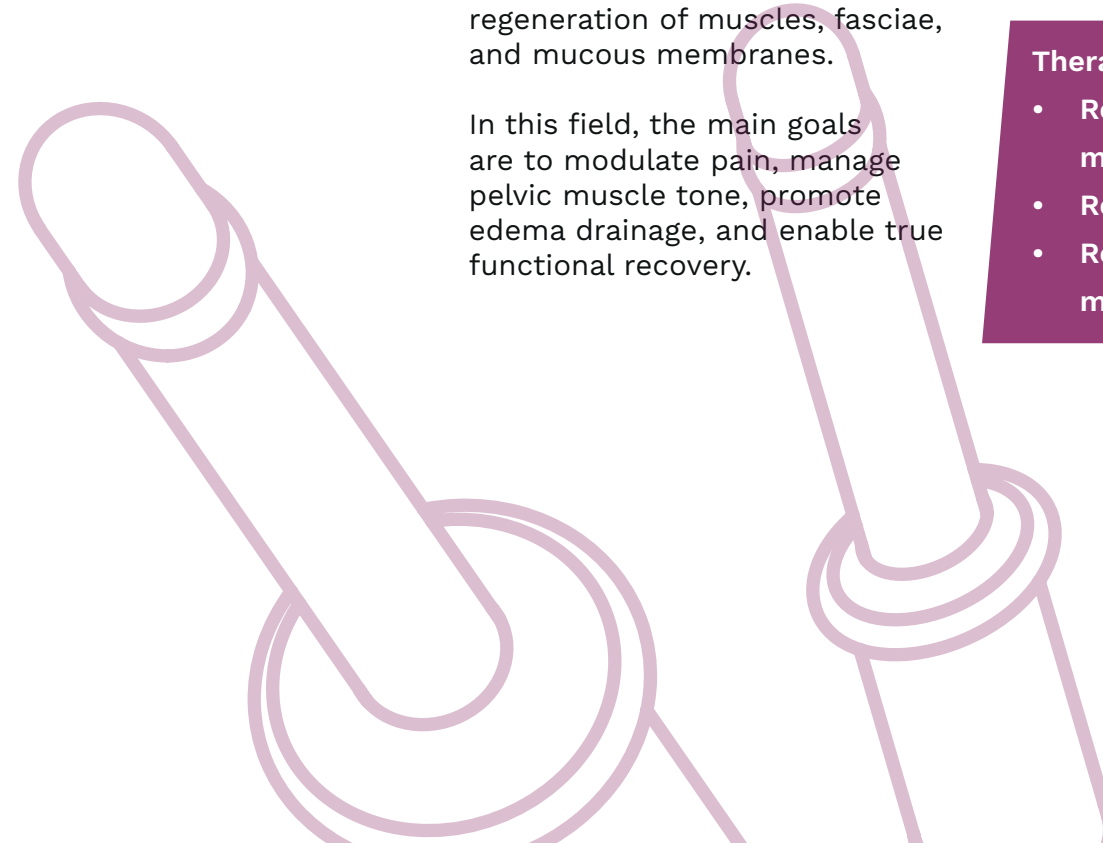
In this field, the main goals are to modulate pain, manage pelvic muscle tone, promote edema drainage, and enable true functional recovery.

This device is specifically designed to treat urogynecological conditions such as atrophic vaginitis, urinary incontinence, endometriosis, prolapse, and chronic pelvic pain. It is also highly effective in postpartum recovery and in cases of muscle hypotonia or hypertonia.

In addition, with the T Care Line it is possible to treat post-surgical, traumatic, or postpartum scar tissue, improving skin elasticity. The treatment of the outer tissues also helps enhance skin sensitivity, fostering greater sensory awareness of the body.

Therapeutic Goals:

- Restore pelvic floor muscle tone
- Reduce inflammation
- Rebalance cellular metabolism





Basic configuration



resistive and capacitive electrodes Ø 35, 55, 75 mm



flexible stainless steel return plate



adhesive return plate



safety button

Kit accessories



convex capacitive electrode



cylindrical resistive handpiece



resistive functional electrode



Manual Assisted Therapy Kit



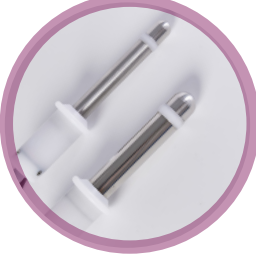
physio-aesthetic bipolar electrodes



resistive and capacitive electrodes Ø 25 mm



dynamic return electrode



pelvic floor probes for external and internal use

Optional accessories



four-way multiplexed resistive electrode



piastra di ritorno rigida in acciaio



elettrodo di ritorno dinamico



resistive and capacitive electrodes Ø 25 mm



Technical features

Sales configuration

- T Care Plus or T Care Compact XP unit
- 2 handpieces
- 3 resistive electrodes (Ø 35, 55, 75 mm)
- 3 capacitive electrodes (Ø 35, 55, 75 mm)
- 1 flexible stainless steel return plate
- 1 adhesive return plates cable with 10 elementi adesivi monouso
- 1 safety button
- 1 kg cream dispenser

Msk Pro Kit components

- 1 cable for functional resistive electrode with 10 disposable adhesive elements
- 1 convex capacitive electrode
- 1 cylindrical resistive electrode
- 1 kit for assisted manual therapy (AMT)

Dermatofunctional Kit components

- 2 bipolar electrodes
- 1 resistive electrode and 1 capacitive electrode (Ø 25)
- 1 dynamic return electrode

Urogynecological Kit components

- 2 pelvic floor probes

Optional components

- 1 resistive multiplexed electrode (4 outputs)
- 1 rigid stainless steel return plate
- 1 resistive electrode and 1 capacitive electrode (Ø 25)
- 1 dynamic return electrode

Transport

- Only for T Care Compact XP, the following optional accessories are available:
- hard trolley case
- soft backpack

Size and weight

- T Care Plus unit
- 49 x 39 x 24h cm
- 8,6 kg
- T Care Compact XP unit
- 30 x 22,5 x 18,5h cm
- 4,4 kg

Electrical features

- T Care Plus unit
- Working frequencies:
- 420 kHz, 500 kHz,
- 720 kHz, 1000 kHz
- Output power RES: 300 W
- Output power CAP: 400 VA
- T Care Compact XP unit
- Working frequencies:
- 500 kHz, 1000 kHz
- Output power RES: 250 W
- Output power CAP: 320 VA

- Mains voltage and frequency:
- 100 ÷ 240 Vca, 50 / 60 Hz

Certification and Classification

- T Care Plus and T Care Compact XP are compliant with EU Regulation 2017/745 (MDR)
- T Care Plus and T Care Compact XP are medical devices IIb class



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SYSTEM ISO 13485**