



# feel

Multifunctional  
Radiofrequency (RF)

Electroporation +  
Fractional RF Microneedling

**tuenda**<sup>®</sup>

[www.tuenda.eu](http://www.tuenda.eu)

# Multi-application High Power Technology

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**feel** is a multi- application Radiofrequency device ideal to revitalize cell membranes, enhance collagen production and improve tone muscle fibres.

Tuenda® modular system combines radiofrequency energy and electroporation for the treatment of face and body ageing.



**tuenda**®

## Handpieces supplied



- Fractional RF handpiece with microneedles for face and body treatments (tips 64 needles and 25 needles)
- Electroporator Roll-on for transdermal vehicle delivery
- Neutral plate

## Handpieces optional

- Monopolar RF handpiece (diameter 35 nm)
- Bipolar RF handpiece (diameter 17 nm)
- Monopolar RF body handpiece (diameter 60 nm)
- Gynecology handpiece
- Quadripolar RF handpiece with vacuum (diameter 60 nm) for body contouring

# A Mix of Techniques in Synergy for Excellent Results

Enhanced treatments  
to achieve excellent results.

Combined treatments  
of Fractional Radiofrequency Microneedling  
Electroporation for transdermal delivery.

# Fractional RF Microneedling

THE MOST POPULAR TREATMENT  
OF THE MOMENT

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Fractional RF microneedling combines the effects of radiofrequency technology with micro-needling through the use of a handpiece with specialized tips.

Fractional Radiofrequency microneedling delivers radiofrequency energy into the middle layer of the skin, causing skin tightening, as well as stimulating collagen and elastin production. Because RF energy is delivered so deep into the tissue, feel can produce faster, more noticeable results.

Radiofrequency energy is delivered via micro-needles at a depth between 0.5 mm and 4 mm in a fully automated and precise manner.



# Fractional RF Microneedling

THE MOST POPULAR TREATMENT  
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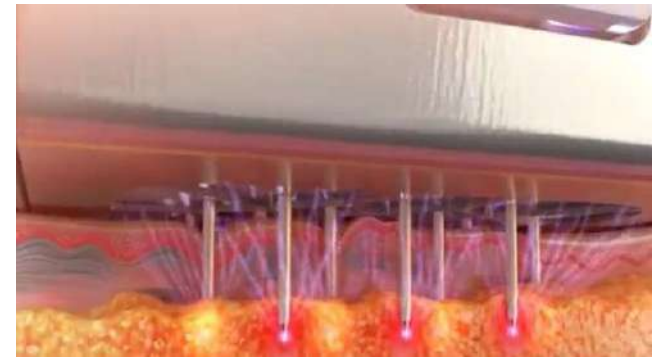
feel

## HOW IT WORKS

Micro-needles create tiny, controlled perforations or “microchannels” in the skin. This stimulates the skin's normal healing response mechanisms, encouraging the growth of new collagen and elastin and skin renewal.

The opening of micro-channels favors the intradermal transfer of active ingredients applied topically.

Radiofrequency energy is delivered via micro-needles at a depth between 0.5 mm and 4 mm in a completely automated and precise way; Once the tiny needles are fully inserted into the skin via a dermal printing method, the RF energy reaches cells in the deeper layers of the skin (dermis).



Radiofrequency energy generates an increase in endogenous temperature (41°-42°C) which leads to:

- A **tensor effect** for denaturation and shortening of collagen fibers and creation of fibrotic tissue
- **Production of young collagen**, elastin and hyaluronic acid to stimulate cellular metabolism (fibroblast)
- An **increase in microcirculation**

# Fractional RF Microneedling

## COSMETIC OUTCOMES

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- ❖ Reduction in Fine Lines and Wrinkles: RF microneedling can smooth out fine lines and wrinkles.
- ❖ Improve Hydration & Elasticity: increased collagen and elastin can improve your skin's hydration, plumpness and elasticity.
- ❖ Minimises Pore Size and Spots: RF Microneedling can help reduce the appearance of enlarged pores and skin patches.
- ❖ Reduce eye bags: excellent non-surgical device for thickening and tightening the delicate skin under the eye.
- ❖ Reduces the presence of scars (e.g. acne scars), cellulite/stretch marks



# Fractional RF Microneedling

## ABOUT THE TREATMENT

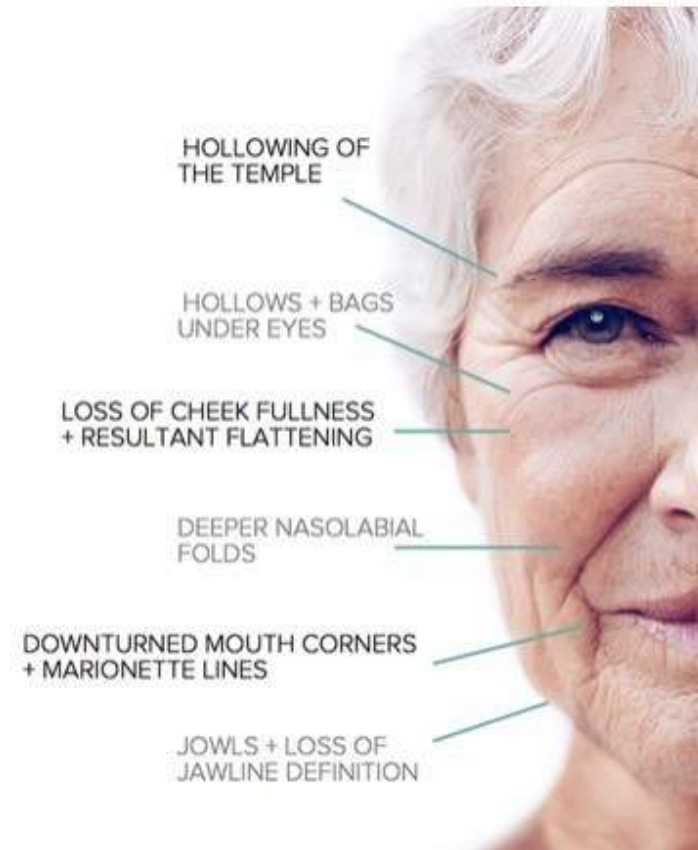
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This treatment can be applied to the whole face and neck area, but it is especially popular for targeting jowls and loose skin around the jawline as well as nasolabial folds (the area between the nose and mouth where skin laxity is common).

The treatment can also be performed under the eyes and on body to reduce cellulite/stretch marks.

### Advantages of treatment

- Non-Ablative Treatment
- Minimally Invasive Treatment
- Short recovery times (28 days between sessions)
- RF energy affects only the affected layer based on needle depth (epidermis or dermis)
- Less obvious signs after session (redness)
- Excellent aesthetic results, natural in appearance



# Fractional RF Microneedling

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- Needle depth: adjustable from 0.5 to 4 mm.
- RF power: adjustable from 1W to 80W
- Tips: 25 microneedles  
64 microneedles
- Fractional Handpiece Energy: Bipolar
- Integrated vacuum function: to capture the area to be treated and ensure precise and identical penetration of the needles into the treated area



# Electroporator Roll On

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## Operating Principle

An electric current is applied to the dermis resulting in the efficient absorption of the active ingredients contained in cosmetic products and as a result improves skin imperfections and reduces skin aging.

The treatment is completely non-invasive and is very effective given that there are no metal parts on the handpiece, as a result all the electrical energy is totally absorbed by the dermis. Electroporation favours the formation of electro pores (aqueous channels) enabling the active ingredients in selected cosmetics to penetrate the skin in depth and solve problems connected to analgesic therapy, anti-inflammatory treatment and de-contracting therapy.

Electroporation increases the permeability of the cell membrane and transfers the active ingredients of the cosmetic along the stratum corneum, aiding absorption of the treatment



# Electroporator Roll On

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## Treatments

Electroporation is particularly effective in decreasing and eliminating skin blemishes on the face and body.

### Facial Treatments:

Wrinkles, Bags and dark circles under the eyes, Acne  
Skin laxity, Face and neck rejuvenation, Scars

### Body Treatment

Cellulite, Stretch marks, Localized adiposity, Orange  
peel skin

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# Electroporator Roll On

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## Treatments indications

General treatment indications taking into account different intensity and waveform (4 programs).

**Superficial skin surface.** This treatment distributes the active substances into the epidermal barrier. Recommended device waveform level 4 (1 mm skin penetration)

**Medium level skin penetration.** This treatment distributes the active substances into the dermal layer (indicated for the following treatment: drainage of eye bags and rings, hydration, lifting procedures, biorivitalisation) Recommended device waveform level 2 (3 mm skin penetration) or 3 (2 mm skin penetration)

**Deep level skin penetration.** This treatment distributes the active substances into hypodermic layer. Recommended device waveform level 1 (4 mm skin penetration)

# Features

- Automatic recognition of handpiece inserted
- Latest generation temperature sensors of handpieces
- ETC System (Energy-Temperature Control System) - Automatic System to control temperature and energy applied to the patient, in order to ensure constant temperature for the whole treatment
- Handpiece with integrated impedance self-adjustment sensor for a more effective and safer treatment
- Reduced size and weight, portable, easy to carry
- Antibacterial Corian® handpiece top
- Conservative and modern design for a perfect combination of functionality and aesthetics
- Italian Quality and Reliability - Made in Italy
- Display touchscreen





## Data Sheet

Power supply: 110-240 Vac, 50-60 Hz

Absorbed power: 450 W

Electrical safety class: I BF

External protection: Protection fuses 2x2 A

Operating temperature: 0-40 °C

Dimensions: 9 x 28 x 23 cm. (hxlxw)

Weight: 10 kg

Display Touch screen 12"

Connectivity: Wifi

Emission frequency: 470 KHz

RF Fractional Max Output power: 80 W

Max electroporator voltage: 50V@1000 ohm

Electroporator frequency: 80-1200 Hz

Electroporator current: 20mA

Electroporator waveform: sinusoidal

Optional: Cart

Corian® handpieces holder



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