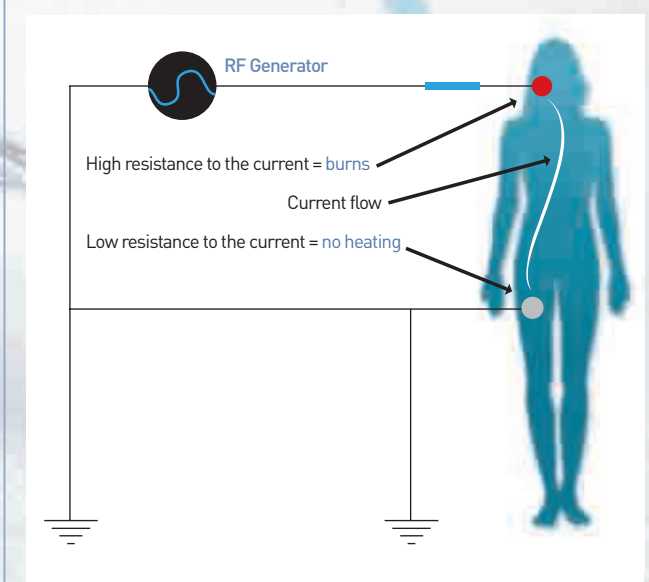
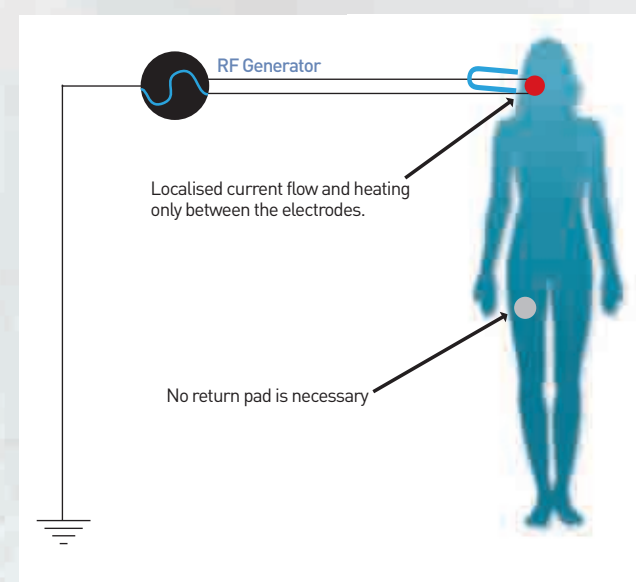


### Monopolar RF



### Bipolar RF



The current seeks the shortest pathway from its source to earth

**Monopolar RF:**  
through the tissues and the body to the return pad, with high dispersion of energy  
**QUAD Bipolar RF:**  
focussed on the tissue held in the probe, thermal effect in the dermis



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# QUAD™ RF SYSTEM

SKIN RENEWAL  
WITH BIPOLAR-ESAPOLAR™ RADIOFREQUENCY

## What the QUAD™ system does

Stimulation and improvement of wrinkles, skin laxity and elastosis, and body remodelling with the two Bipolar-face and Esapolar™-body probes.

Superficial and deep treatment controlled by software: choice of impulse, time and power parameters in order to modulate the energy appropriately in the treatment area.



IN BIPOLAR RF,  
BOTH ELECTRODES ARE ON THE PROBE:  
THE DEPTH IS BETTER CONTROLLED

## QUAD™ Bipolar-Esapolar™ radiofrequency (RF), face and body

The QUAD™ Bipolar and Esapolar™ Radiofrequency system represents an excellent method of subcutaneous heating, irrespective of phototype, which is unidirectional and therefore well-controlled with respect to depth and area of treatment, without chaotic dispersion.

The radiofrequency energy which passes through the skin heats the underlying tissue, particularly the collagen and elastin fibres which represent the structural framework of the skin and determine its elasticity and firmness. This heating process denatures and breaks the collagen (collagenolysis), activating fibroblasts which produce new collagen, with consequent renewal of the tissue (collagenogenesis). The dermis thus becomes thicker and the skin tighter.

RF produces a flow of microstimuli between two electrodes. In monopolar RF there is one electrode in the probe and one in the return pad. This type of current passes through all tissue layers,

including those where heating is not necessary, and causes a lot of pain.

In bipolar RF however, both electrodes are on the probe and the depth of the effect is therefore better controlled.

The QUAD™ system of skin renewal allows the transmission of RF to the dermis in a safe, reliable and also specific way, as there are two probes: Bipolar for the face and Esapolar™ for the body.

The Bipolar and Esapolar™ configuration distributes energy through the tissues in a controlled and advantageous way: the two electrodes located close to one another and in contact with the skin offer the maximum degree of safety. The resulting concentration and penetration of energy in tissues, such as those of the face, produce a safe, effective, lasting and practically painless treatment.

A SAFE,  
EFFECTIVE,  
LASTING TREATMENT

FACE ANTI-AGEING, DEEP AND SUPERFICIAL WRINKLES  
TONING AND SKIN LAXITY



## The Bipolar and Esapolar™ probes

Thanks to the special shape of the probe, with flaring adjacent to the electrodes, the energy transmitted can be localised precisely to the area in which the stimulation of collagenogenesis is to be carried out, without involving terminals and receptors. Hence the treatment is more effective and, above all, painless.



LIGHT PRESSURE PUSHES THE SKIN INTO THE FLARING OF THE PROBE

THE TWO ELECTRODES CONDUCT THE RF ACROSS THE PORTION OF SKIN

THE RF IS THEREFORE TRANSMITTED "GENTLY" INTO THE DERMIS

Esapolar™ Probe



## Key benefits of QUAD™

### INNOVATIVE TECHNOLOGY

- Innovative engineering to create an accurate and reproducible RF energy
- Rapid treatment of large areas and fast energy release
- Allows flexibility in the use of parameters for more treatment options

### SAFETY

- Emission of Bipolar and Esapolar™ RF means a controlled depth of penetration
- Choice of manual or automatic modes for duration and quantity of energy transmission in order to facilitate use by the operator

### COMFORT!

- Directing the RF onto the skin surface means PAINLESS treatment (no analgesia or pre- or post-treatment anaesthesia required)
- Minimal or no downtime

### EASY TO USE

- Use in contact with the skin and accurate emission of energy mean reproducible treatments
- Only two parameters to consider (time and energy flow)

### CAN BE USED ALL YEAR ROUND

- Sessions can be carried out at any time of year

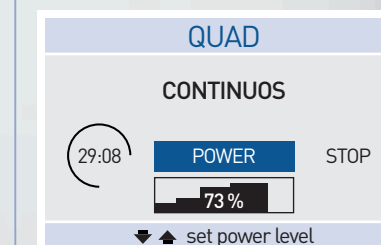
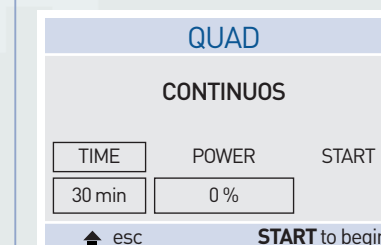
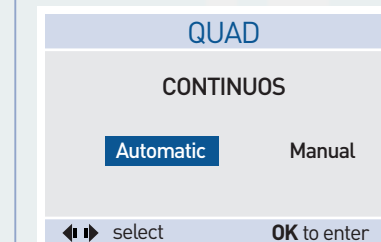
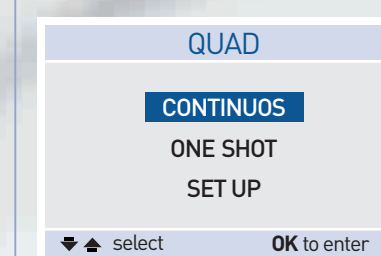
### MINIMAL MAINTENANCE

- No investment in consumables

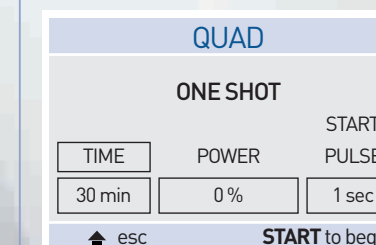
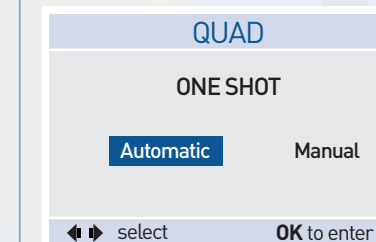
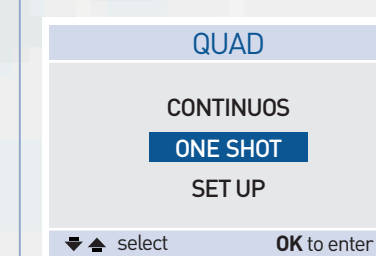
THE TREATMENT IS OF SHORT DURATION (5-20 MINUTES)  
THE RECOMMENDED CYCLE OF TREATMENT IS 4-8 APPLICATIONS  
RESULTS ARE SEEN AFTER THE FIRST SESSIONS

## QUAD™ modes

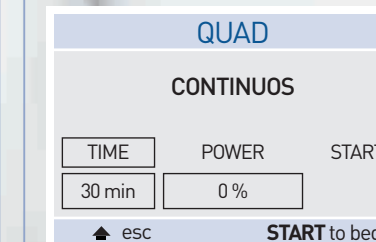
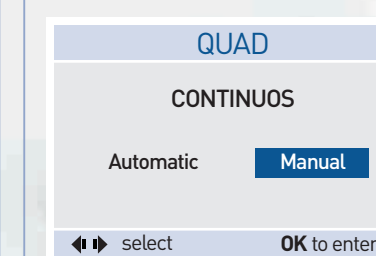
### Automatic Continuous Mode



### Automatic One Shot Mode



### Manual Mode



## TECHNICAL SPECIFICATIONS

• Maximum energy output	100 W +/- 2%
• Frequency	480 KHz
• Frequency stability	+/- 1%
• Efficiency threshold	75%
• Frequency generator	Sinusoidal Symmetrical
• Single-phase AC voltage	200-240VAc o 100-120 VAc
• Alternating line frequency	50 - 60 Hz
• Absorbed current	0.5 A
• Cooling	Air
• Dimensions	55x26x23 cm
• Weight	9 kg

QUAD™ RF SYSTEM  
EASY AND SAFE:  
NON-INVASIVE, PAINLESS, NO DOWNTIME

## CLINICAL RESULTS

