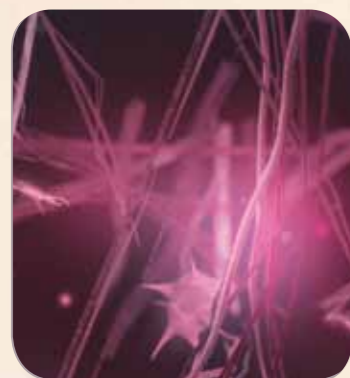


A T T I V A TM

ENDODERMAL RADIOFREQUENCY



Active fibroblasts
youthful skin



Degradation of
collagen fibers

SKIN LAXITY
WRINKLES
STRETCH MARKS
SKIN LIFTING

A T T I V A TM

ENDODERMAL RADIOFREQUENCY

ONLY FOR MEDICAL USE



T E M A M E D I C I N A

Science and technologies for aesthetic medicine

ATTIVA™

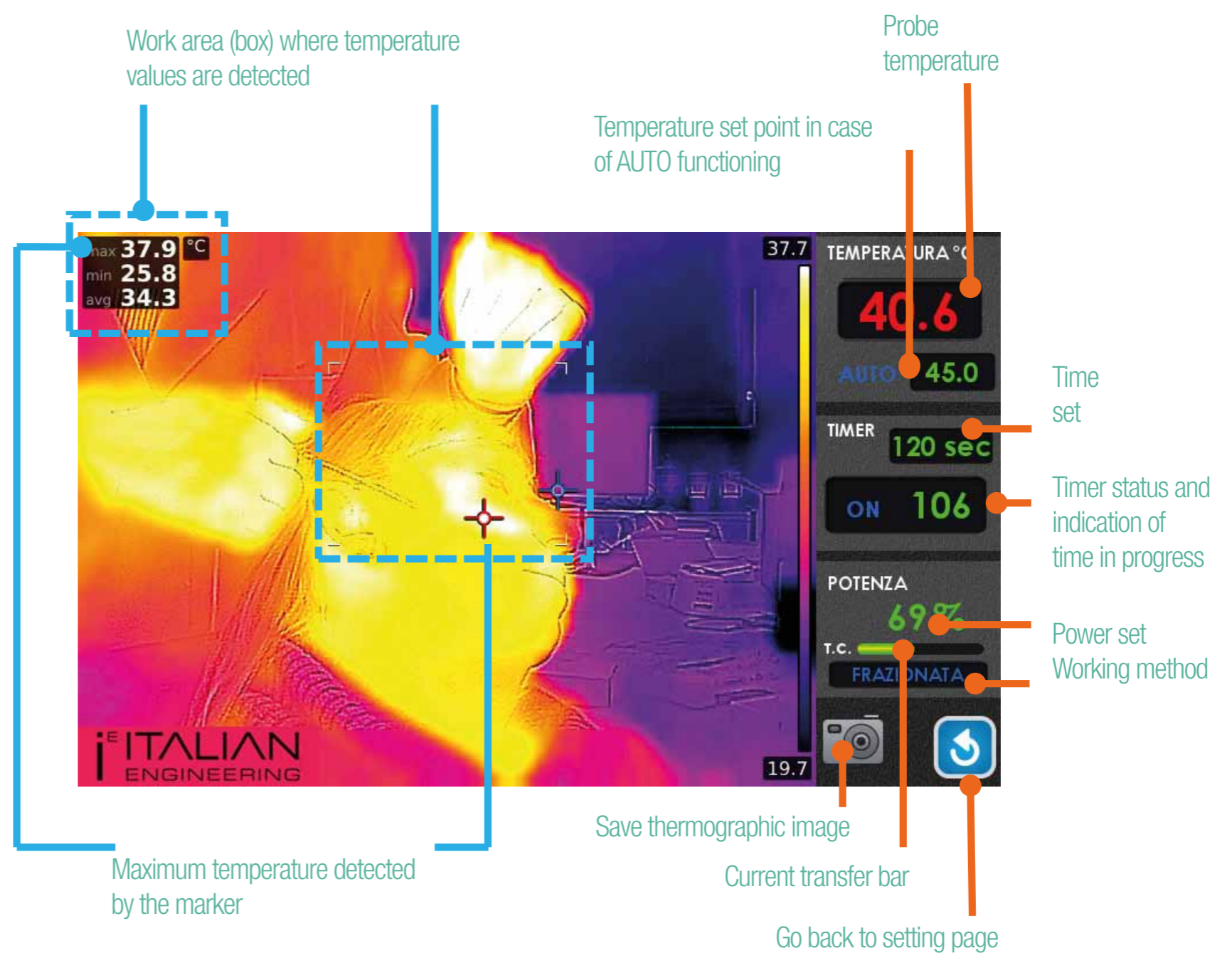
ENDODERMAL RADIOFREQUENCY

ELECTROMEDICAL DEVICE FOR CAPACITIVE AND RESISTIVE DIATHERMY (COMPLETELY MADE IN ITALY) SPECIFIED FOR AESTHETIC MEDICINE

Radiofrequency has become a fundamental and in some respects irreplaceable method in the hands of doctors and aesthetic surgeons. The obtained results are reproducible and can be reached since the first meeting. The controlled heat, induced by ATTIVA transducers, stimulates the dermis by

hypertrophy of fibroblasts with increase of collagen and elastine production. Both the dermis and the extracellular matrix are thus remodelled with general rejuvenation. ATTIVA, continuous emission radiofrequency of the latest generation, fractionated and sequential, opens up to technological innovation: endodermal

radiofrequency with incorporated thermographic camera. Thanks to a partially shielded peripheral venous catheter and a probe transmitting the set energy, ATTIVA can determine a complete renovation of all treated dermal tissue with high precision. The possibility of directly handling the thermal energy,



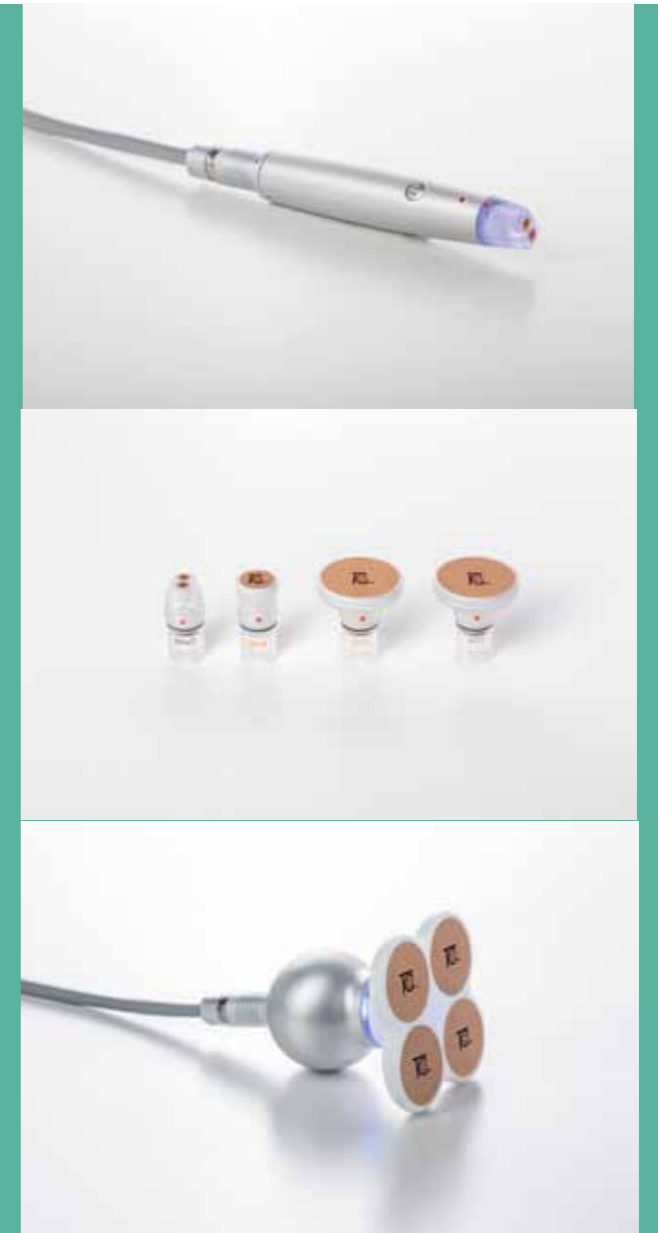
keeping it under control in the selected area by means of a preset temperature, controlled with the aim of inducing desired changes, allows to reach extraordinary results. In fact, with a temperature of about 50° C the passage of the needle produces a denaturation of proteins primary secondary and tertiary structures, determining both the retraction of the dermis collagen structures with a lifting effect, and the metabolic activation of the fibroblast, which repairs the collagen damaged by the heat and the augmentation of the dermis thickness with the new production of collagen. Around 60° C it performs a defibrating action with permanent natural removal of tissue adhesions due to trauma, for example fractures with abnormal tissue retraction, or post surgery for the reduction of scars. Around 70° C it determines cell lysis of

adipocytes with triglyceride emission in the interstitial spaces and the extracellular matrix, where they are later removed via lymphatics. In this case the alteration of fat cells structure allows to execute an extremely precise and meticulous superficial liposculpture in all those areas very difficult to work on, an example is given by fat accumulations in the suprahyoid and the angle of the mandible. Thanks to a special camera (thermal camera), during the operation the area undergoing radiofrequency and showing a rise of temperature is monitored, and through ATTIVA display the operator is able to monitor both the dermis superficial temperature and the endodermis temperature. This way millimetric movements can be performed, with heat variability of only 3° C. Extremely precise results can thus be attained.



ATTIVA™

ENDODERMAL RADIOFREQUENCY



ASSETS:

- SINGLE-POLE AND BIPOLAR CAPACITIVE TRANSDUCERS IN "TC13 BIOMEDICAL CERAMIC" COVERED BY PATENT
- CAPACITIVE TRANSDUCERS SIZE UP TO 5 mm DIAMETER
- CAPACITIVE TRANSDUCERS WORKING WITH VOLTAGE UP TO 10 TIMES LOWER THAN TRADITIONAL CAPACITIVE TRANSDUCERS
- ONE CAPACITIVE BODY HANDPIECE WITH DOUBLE FEATURE: SINGLE-POLE, BIPOLAR

RADIOFREQUENCIES in the following procedures:

- CONTINUOUS: emissions at selected percentage
- FRACTIONATED: a duty cycle regulates the maximum radio frequency emission in well-defined time intervals to avoid excessive increase of endogenous heat.
- SEQUENTIAL: the emission of energy at different frequencies up to 300 Khz is sequential with the objective of reaching different targets simultaneously.
- 7 "COLOR TOUCH SCREEN, WITH SOFTWARE FOR HANDLING MANAGEABLE AND CUSTOMIZABLE PARAMETERS AND PROGRAMMES
- FULLY SHIELDED HANDPIECES CABLE
- HEAT-PROOF (IF SELECTED)
- NET CONNECTION FOR DIAGNOSIS, REMOTE SETUP OR UPGRADE
- COMPACT
- LIGHT (5.8 Kg)
- ERGONOMIC
- PORTABLE
- Preset self supply WITH LITHIUM BATTERIES

Why bother using capacitive RF

Being capacitive radiofrequency suitable on soft, vascularized tissues, with high water content, it finds proper application both on physiotherapy and aesthetic medicine. Transducers are isolated. Power is not transmitted directly to the patient's skin (as for resistive procedure); which results in safer treatment for patients.

Advantages of ceramic TC13 capacitive transducers

- By the discovery of highly efficient TC13 ceramic, it has been possible to create extremely small-sized transducers, starting from 5mm in diameter: dimensions which are impossible to achieve with other materials (as far as we know today) at a given efficiency.
- TC13 ceramic application on transducers allows the use of optimum powers obtained with voltages even 10 times lower than traditional capacitive transducers, which, for an equal efficiency, should be enormously bigger or work with tensions ten times higher.
- The relevant reduction of voltage on the handpiece means higher safety for patients during the treatment
- TC13 ceramic allows a rapid perception of endogenous heat, hence an immediate feed back from the patient.
- Small-sized heads, both single-pole and bipolar, are particularly suitable for face, facial muscles, neck, fingers, hand joints.
- Using sequential frequency as output mode, it is possible to work simultaneously in three frequencies – 500 kHz, 400 kHz, 300 kHz – reaching different target tissues during the same treatment.

Advantages of the capacitive body handpiece

Realized with the same technology used for face transducers, it allows to treat more extensive areas of the body; being equipped with 4 transducers for an overall area of about

32 cm², using the whole of the machine maximum power when necessary.

A single handpiece includes the possibility to use, at choice, either SINGLE-POLE mode (by connecting the proper interface plate) or BIPOLAR (plate not required). Therefore the operator, depending on treatment area and the objective to be achieved, may decide which mode to use in the course of treatment. If the operator switches from single-pole to bipolar mode, the machine automatically disconnects the plate without the need to interrupt the treatment itself.

The capacitive body handpiece, taking advantage of the ATTIVA software which allows the emission of RF in fixed, fractionated and sequential mode, is indicated especially for all kinds of inflammatory pathologies, twitches, localized adiposity, cellulitis, amyotonia, toneless tissue.

Why resistive radiofrequency

Because in endodermal function, using the appropriate cannula needle, radiofrequency is transmitted in resistive mode between 300 and 550 kHz, either direct or fractional.

Why radiofrequency in FRACTIONATED mode

- Because the fractionated mode, thanks to duty cycle modulation used, provides the possibility of delivering always the maximum power, while still maintaining an acceptable level of tolerability by the patient, which would be impossible to perform in the CONTINUOUS mode unless power is reduced.
- This mode makes BIPOLAR handpieces treatment and endodermal cannula needle treatment even more effective.

SERVICES

ATTIVA™

ENDODERMAL RADIOFREQUENCY

ELECTROMEDICAL DEVICE, COMPLETELY DESIGNED AND MANUFACTURED IN ITALY

CUSTOMER CARE

The internal and external organization of TEMA MEDICINA permits to support efficiently professionals with services at 360°. The aspects related to marketing, formation and technical assistance are ATTIVA™ (endodermal radiofrequency) strong points.

FORMATION

ATTIVA™ formation takes place at Day Surgery Multimed. MULTIMED CENTER is located in Bologna, on an area of over 500 m2 and provides with updated installations to grant comfort and safety for patients.

TECHNICAL ASSISTANCE

ATTIVA™ is provided with modern electronic devices which allow it to be connected to the net and run by the center of technical assistance for diagnosis and remote control.

MARKETING

Support to ATTIVA™ CENTER for the promotion and diffusion of ATTIVA technology on media. Annual press conference, brochure b2c, waiting room poster, and other personalized activities.

TRAINING ROOM - THEORY



MULTIMED DAY SURGERY - PRACTICE



Model	RFP-AM 02 ATTIVA
Output power	Max 115W @100 ohm
Frequency	FIXED : +/- 5% in the range 300KHz – 800KHz Depending on the connected handpiece 400KHz : +/- 5% 300KHz : +/- 5%
Functioning mode	CONTINUOUS FRACTIONATED SEQUENTIAL FREQUENCY CONTROLLED TEMPERATURE
Display	color 7" TFT 800X480, touch screen
Power supply	230Vac +/- 10% 50/60Hz
Maximum power absorbed	342VA
Fuses	2 x 5AF 250V
Size	38,5 x 20,5 x 10 cm
Weight (Base Unit)	5,8 Kg
Degree of protection	IP20
Functioning temperature	15° C – 40° C
Cooling	Forced ventilation
Connections	230Vac power supply Handpiece cable Plate Pedal External battery (optional battery pack) USB port Ethernet/thermal camera
Audio	1W stereo system



Dimensioni meccaniche dell'Unità Base:

