



TRIACTIVE+

## MEDICINE AND AESTHETICS

# TRIACTIVE+

**Treatment of Cellulite**  
**Localised Fat Deposits**  
**Flabby Skin**  
**Anti-Aging**  
**Fluid Retention**  
**Heavy Leg Syndrome**

**DEKA Body Shaping: Harmony**  
**Body Becomes Science**

**DEKA Intelligent Technologies:**  
**Experts From the Start**



The Code of Excellence

## TRIACTIVE +

### BALANCE LEADS TO WELL-BEING

Cellulite, localised fat deposits and flabbiness are frequent and widespread aesthetic problems. Every day, millions of people seek less invasive methods for harmonious body contours.

TriActive+, the results of a lengthy scientific research and design, combines the actions of different handpieces in a single platform. With the aid of the Dermodynamic method, the treatment becomes an integral part of complete body care.

TriActive+ can restore the patient's original body contour: regaining harmony and beauty is now possible without traumas or invasive methods.

*"TriActive+ is a workstation designed to facilitate our work. Simple and intelligent technology that ensures the patients' well-being and it is extremely versatile in the medical clinic. TriActive+ is effective for treatments known as non-invasive body shaping: it has an in-depth action on imperfections deriving from dysfunctions of the micro-circulation and is decisive in improving skin trophism.*

*Physicians, physiotherapists, and specialised operators can now utilize a single workstation for harmonising body contours and eradicating the signs of time: a far simpler, more powerful and more effective device than ever before."*

**Prof. Daniel Cassuto, M.D.**

*Division of Plastic and Reconstructive Surgery  
University of Catania, Italy*

## MEDICINE AND AESTHETICS

# TRIACTIVE+

### TRIACTIVE+ : A REGENERATING ACTION FOR TOTAL BEAUTY

The causes of imperfections are multiple; only with the combined action of two or three different handpieces it is possible to address all the components of a specific dysfunction. In fact, to permanently remove an imperfection, all the systems of the human body have to be restored to proper working order.

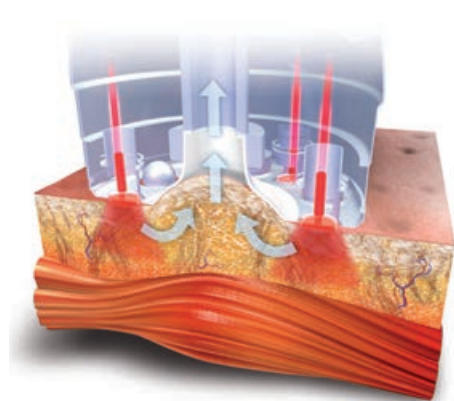
With its combined and complementary action, the TriActive+ platform employs laser, ultrasound and radiofrequency to combat imperfections such as cellulite, localised fat deposits and flabbiness.

Skin tightening and rejuvenation complete the excellence of the TriActive+ range of capabilities; a technology designed to restore the harmony of the body and eradicate the visible signs of aging.



5	Action principles: Laser, Ultrasound, Radiofrequency, Massage, Cooling.
5	Different handpieces for treating face and body.
7	CW Diode lasers.
2	Different RF emissions.
1	Temperature sensor built into the tripolar radiofrequency handpiece.
14	Treatment protocols saved in the system with the option of customising and upgrading the database.
More than 1000	TriActive+ systems installed worldwide.
2001	First company worldwide to introduce the Dermodynamic method for treating cellulite with a combined and synergic laser-massage-cooling action.
More than 100	Publications and editorials in journals worldwide.

## THE THREEFOLD ACTION OF THE LASER HANDPIECE



The Laser Body handpiece combines in a single system three different actions that interact in synergy to restore the skin's normal homeostatic conditions.

### Action 1: Deep Laser Stimulation

TriActive+ reactivates and boosts the arterial, venous and lymphatic micro-circulation, encouraging neoangiogenesis of the intradermal vessels. The laser light energy also has beneficial effects on fibroblast activity.

### Action 2: Localised Cooling

The localised cooling system boosts the volume-reducing effect, optimising reabsorption of the oedema by stimulating vascular gymnastics.

### Action 3: Dermal Massage

The rhythmic aspiration massage stimulates the lympho-drainage and tissue stimulation processes, enhancing restoration of the skin's normal collagen-elastic tension.

The safety and gentleness of TriActive+ allow treating patients subjected to lipolysis or liposuction laser surgery in order to shorten the postoperative recovery time (regression of the oedema, tissues appeared to be soft and smooth when palpated, improvement of ecchymosis) with more rapid stabilization of the operative outcome.

*With the Radiofrequency and Ultrasound handpieces, the TriActive+ action is even more powerful, effective and selective.*



The TriActive+ handpieces are ergonomically designed to ensure a comfortable grip for both right and left-handed operators and permit the treatment of all body parts easily and effortlessly.

## THE RADIOFREQUENCY REVOLUTION: POWERFUL AND EFFECTIVE AGAINST ALL IMPERFECTIONS

The TriActive+ radiofrequency handpieces assist the laser light to eliminate cellulite and enhance skin trophism. Through the tissue gymnastics, activated by the operator using the handpiece, the radiofrequency stimulates contraction of collagen fibres, activating normalisation of the skin tone and reactivating micro-circulation and the drainage of excess fluids.





Multipolar RF handpiece with 4 interchangeable tips.

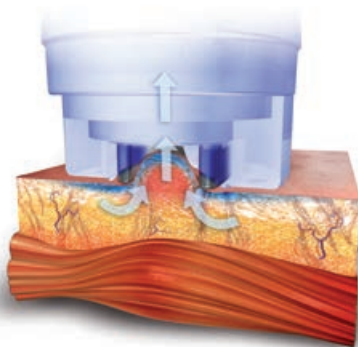
## MULTITIP AND BODY RADIOFREQUENCY HANDPIECES: TOTAL ACTION

**The Multi Tip Handpiece:** the multipolar technology of this handpiece reduces side effects and makes treatments easier to tolerate thanks to the 4 interchangeable tips adaptable to all the body surfaces and depth. This handpiece is equipped with a sensor (installed on each tip) that allows measuring and viewing the skin temperature. This instrument makes the physician's work easier and the treatment more comfortable and safer for the patient because it is:

**Simpler:** the skin temperature measurement is shown in real-time directly on the system display throughout the treatment, so you do not have to continuously interrupt the treatment to make the measurement. The sensor built into the handpiece also accurately measures the actual temperature underneath the electrodes preventing measurement errors resulting from improper use of the external thermometer.

**Safer:** thanks for the continuous feedback provided by the software, when setting the optimal skin heating temperature, the system will automatically interrupts and resumes delivery without ever exceeding the temperature threshold. In this way, you do not run the risk of overheating, which could cause undesired side effects.

**More effective:** by continuously keeping the dermis at the optimal end-point temperature, you can maximise performance of the entire session. In fact, the treatment is effective at all times and the entire treated area is heated more homogeneously.



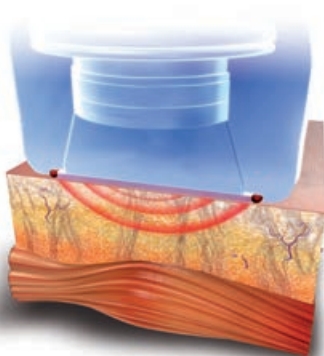
The Body Radiofrequency handpiece employs bipolar technology with aspiration for selective heating of the skin fold only, with a deep and localised action on the dermis and hypodermis and restricted current dispersion.

**The Body Handpiece:** the bipolar technology activates selective heating of the skin fold with a deep and localised action on the derma and hypodermis. The continuous cooling also permits to preserve the more superficial layers.

## ULTRASOUND ELIMINATES CELLULITE AND RESHAPES TISSUE TEXTURE

The waves produced by the handpieces induce vibrations in the adipocytes: the deep mechanical massage acts effectively to reduce the fibroses, especially with advanced-stage panniculopathies. The new TriActive+ ultrasound technology stimulates vascular circulation and fluid drainage by means of special tissue gymnastics.

*TriActive+ thus acquires an even deeper action for skin firming treatments, and is also excellent in new fields of application such as skin tightening.*



The Ultrasound technology has been completely renewed through the development of a body handpiece to ensure treatments tailored for individual requirements.

## DERMODYNAMIC: A SIMPLE METHOD FOR COMPLEX PROBLEMS

Skin imperfections often have several interrelated causes. To solve the problem permanently the whole body has to be treated. The aesthetic treatments become an integral part of a global approach.

When applied correctly, DEKA's Dermodynamic makes it possible to achieve outstanding aesthetic results and offer patients remarkable psychophysical well-being:

After collecting information about the patient's symptoms, motivations and goals, the professional identifies the protocols to use to address any type of body shaping and rejuvenation problem. Once the goal has been identified, the operator can select the correct sequence for use of the handpieces, depending on the specific technical specifications of each source.

By assessing the special features of each source, a generic treatment approach can be defined.

- **Ultrasound Technology**

Mobilisation of the tissues reduces hyperplasia and hypertrophy of the reticular fibres.

- **Laser Technology**

Draining of the oedema reduces venous-lymphatic stasis and fluid retention.

- **Radiofrequency Sources**

Radiofrequency tones slack areas of the body and stimulates fibroblast activity.

*The combined TriActive+ laser, cooling, massage, ultrasound and radiofrequency actions reshape the tissues and enhance skin tone and elasticity.*

### **The Database: an Invaluable Tool from the Problem to the Solution**

TriActive+ is equipped with a database of complete treatment protocols, validated by researchers and physicians, conceived to guide operators in setting parameters correctly, and selecting the most efficient technology.



Ergonomics and design come together in the TriActive+ system to create a perfect synthesis of technology and practicality.



### Easy to Use Software with Simple, Direct and Intuitive Controls

The TriActive+ software is designed with a user-friendly touch screen interface. Guided by the **Dermodynamic** method, the software makes it easy for the operator to perform complete treatments, solving even the most complex problems.

## PRE AND POST BODY SHAPING TREATMENTS



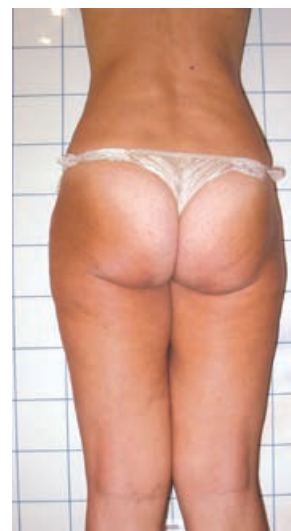
Courtesy of: P. Gilardino, M.D. Plastic Surgeon and A. Pelosi, Physiotherapist - Milan, Italy.



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## TECHNICAL DATA

### Laser Face Handpiece

Laser Type	Diode - CW
Wavelength	808 nm
Power	1 W
Tuneable Massage:	
Repetition Rate	From 0.1 to 5 Hz
Duty Cycle	From 5% to 80%
Type	Monophasic / Biphasic / OFF

### Laser Body Handpiece

Laser Type	Diode - CW
Wavelength	808 nm
Power	1 x 6 W
Localized Cooling System	Adjustable From 18 to 28 °C
Tuneable Massage:	
Repetition Rate	From 0.1 to 5 Hz
Duty Cycle	From 5% to 80%
Type	Monophasic / Biphasic / OFF

### LF Ultrasound Handpiece

US Type	Low Frequency (LF)
US Frequency	36 - 39 kHz (Sweep Mode)
Power Density	< 3 W/cm²
Transducer Diameter	70 mm
Mode	CW-PW
Pulse Repetition Rate	From 2 to 10 Hz
Pulse Duration	From 10 to 200 ms
Sweep Time (Sweep Mode)	From 1 to 99 s

#### CAUTION

Visible and invisible laser radiation.  
Avoid eye or skin exposure to direct or scattered radiation.  
Class 4 laser product.

### Multi Tip Radiofrequency Handpiece

RF Type	Multipolar
Frequency	1 MHz
Power	50 W (max.)
4 interchangeable tips: Very Small (Face) Small (Face) Medium (Face and Body) Large (Body)	
Handpiece	

### Radiofrequency Body Handpiece

RF Type	Bipolar
Frequency	500 kHz
Power	50 W (max.)
Localized Cooling System	Adjustable from 18 to 28 °C
Tuneable Massage:	
Repetition Rate	From 0.1 to 5 Hz
Duty Cycle	From 5% to 80%
Type	Monophasic / Biphasic / OFF

### General System Specifications

Treatment Start Control	Footswitch or fingerswitch
Electrical Requirements	230 Vac / 2.6 A (max.) / 50-60 Hz
Dimensions and Weight	120 (H) x 48 (W) x 60 (D), 60 Kg



This brochure is not intended for the market of USA.

TREATMENT OF CELLULITE - LOCALISED FAT DEPOSITS - FLABBY SKIN  
ANTI-AGING - FLUID RETENTION - HEAVY LEG SYNDROME

**TRI-ACTIVE+**

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The Code of Excellence



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#### DEKA The Code of Excellence

A spin-off of the E.E. Group, DEKA is a world-class leader in the design and manufacture of lasers and light sources for applications in the medical field. DEKA markets its devices in more than 80 countries throughout an extensive network of international distributors as well as direct offices in Italy, France, Germany, Japan and USA. Excellence is the hallmark of DEKA's experience and recognition garnered in the sphere of R&D in over thirty years of activity. Quality, innovation and technological excellence place DEKA and its products in a unique and distinguished position in the global arena. DEKA manufactures laser devices in compliance with the specifications of Directive 93/42/EEC and its quality assurance system is in accordance with the ISO 9001 and ISO 13485 standards.