

Four-dimensional skin rejuvenation technologies

INTEGRATED TECHNOLOGY
FOR THE TREATMENT
OF SKIN BLEMISHES

03

biotec italia

Renova



biotec italia
Aesthetics

ACE[®] High efficiency dynamic cooling that guarantees performance and safety.

WATER COOLING

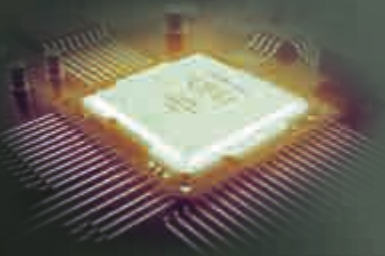
Active fluid circulation guarantees CFU[®], CTR[®] and MESO[®] technologies stability. Fluid circulates in the applicator's tip and returns in the reservoir in the machine, where the heat is extracted.

EXTENDED LIFESPAN

ACE[®] Technology guarantees transducer thermal stability, enhancing vibration efficiency, reducing heat shock failure and increasing cartridge lifespan up to 20.000.000 pulses.

ENHANCED SAFETY

ACE[®] Technology improves the margin of safety associated with CFU[®], CTR[®] and MESO[®] procedures by cooling the handpiece's tip in contact with the skin.



UNIQUE TECHNOLOGICAL INNOVATIONS

Biotec Italia platforms introduce a new concept based on the latest hardware and software design. Our research and development team develops next generation hardware solutions for the high-tech and high-performance medical industries, allowing constant system update to eliminate the problem of technology obsolescence. Maximum power and performance, always guaranteed.



EASYFLOW® ON THE SKIN. BREAKTHROUGH TECHNOLOGY.

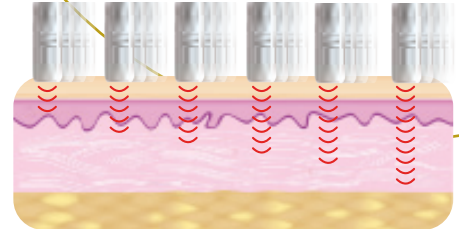
RENOVA has been clinically tested and proven to safely tighten facial skin from the inside out, reducing superficial and deep wrinkles and repairing collagen and elastin fibers.

EASYFLOW® breakthrough technology is easy and safe to operate and helps to reverse the effects of gravity and aging.

The skin is lifted, looks remarkably younger and has a noticeably healthy colour and glow.

CFU®

Treatment with CFU® can be customized to meet the unique physical characteristics of each customer by adjusting energy of its focal depth. Ultrasound geometric focus configuration, selects the depth and quantity of energy delivered during the treatment.



ABRALASE®

In the Abralase procedure, small particles (100 micron) of aluminium oxide remove the outer layer of skin (epidermis). Peeling depth is dependent on strength of the crystals' flow, speed of movement of the handpiece and the number of passages per anatomic site. The laser beam will simultaneously heat the underlying skin (dermis).

The combined action stimulates growth of new collagen fibers. As the treated area regenerates, the new skin that forms is smoother and firmer.



MESO®

MESO procedure uses modulated currents at low intensity that creates new extracellular pathways. This alteration of the cell membrane allows a higher permeability to a large variety of hydrophilic molecules, which would otherwise not be able to enter the cell.

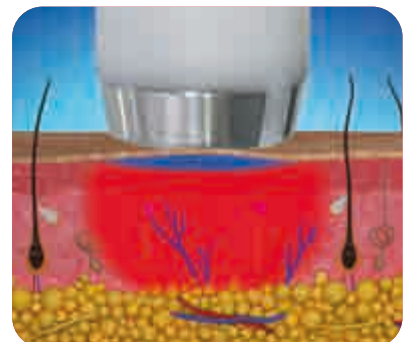
Once formed, these electropores open from a few seconds to a few minutes, allowing the delivery of water-soluble molecules, peptides, proteins and other macromolecules.



CTR®

CTR unipolar radiofrequency works by producing electrical pulses converted to thermal energy delivered within the dermis.

The generated thermal energy causes initial collagen structural change, which is created within these thermally modified tissues. Immediate tissue contraction and subsequent formation of new collagen leads to a lifting effect.



Maximum comfort and satisfaction.

SAFETY

Reliability and safety during the treatment procedure thanks to high technological standards and innovative treatment protocols.

NO DOWNTIME

Resumption of normal daily activities immediately after the treatment.

NO PAIN

Guaranteed comfort during treatment, thanks to handpieces ergonomics.



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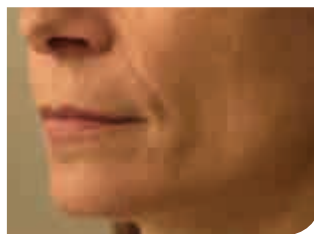
I have achieved great results, now I feel even more beautiful.

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Clinically tested results.



Before



After 1 session



Before



60 days after 1 session

Treatment indications.

- FACIAL SKIN LAXITY
- OPEN PORES
- DOUBLE CHIN
- HAIR LOSS
- FACIAL WRINKLES
- BLURRED JAWLINE
- HYPERHIDROSIS

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Renova

Non-surgical Face Lift and Body Sculpting

Excellent results on
all facial areas.

Effective and safe on
all skin types.

Innovative and
exclusive design.

Unique treatment
protocols.

Personalized
treatment plan.



VIDEO
TUTORIAL



youtube.com/user/biotecitalia

The design of the machine may slightly differ from the image,
while keeping the described functions unchanged.

Technical Data

VOLTAGE SUPPLY	230 VAC ± 10% - 50/60HZ
MAX POWER	300VA
FUSES	2 x F2A 250 V
SAFETY CLASS AND TYPE OF APPLIED PART	I BF
DIMENSIONS	660 X 600 X 310mm

MICRODERMOABRASION (ABRALASE)

MATERIAL	ALUMINIUM OXIDE
MAX SUCTION PRESSURE	66,6kPa
LASER WAVELENGTH (POINTER)	650nm
LASER POWER (POINTER)	1mW (class2)

ELECTROPORATION (MESO)

WAVEFORM	AMPLITUDE MODULATED SIGNAL WITH SINE WAVE
MAIN FREQUENCY	1.1kHz
MODULATING FREQUENCY	0.5Hz
MAX INTENSITY	0,8mA x 10cm ²

RADIOFREQUENCY (CTR)

OPERATING MODE	BIPOLAR
FREQUENCY	1MHz
MAXIMUM POWER	25W@1Kohm

ULTRASOUND (CFU)

MAX INTENSITY	3 W/cm ²
EMISSION HEAD	WATER-COOLED
FREQUENCY	3 MHz

Applicators



MICRODERMOABRASION (ABRALASE)



ULTRASOUND (CFU)



RADIOFREQUENCY (CTR)
ELECTROPORATION (MESO)

A SOLID COMPANY

With over 25 years of experience, Biotec Italia is a well-recognized developer and manufacturer of lasers, electronic, mechanical and pneumatic based technologies for the medical and aesthetic industry. Located in Vicenza, northern Italy, and with a branch in London, United Kingdom, Biotec Italia exports in over 60 countries worldwide and offers customers an international services and sales network.

100% MADE IN ITALY

The entire production process, from design to assembly and quality testing, is absolutely Italian. To the warranty of technological excellence, Biotec combines the punctuality and competence of its after-sales service, the professionalism of the Biotec Italia Academy specialists, leaders in the scientific field, and the irrefutable effectiveness of the sales and marketing training given to Biotec Italia clients.

FROM THE IDEA TO THE FINISHED PRODUCT

With a dedicate R&D structure, several registered patents and combining Italian competence and creativity in the design and assembly processes, Biotec Italia pushes the ongoing change that generates progress. The intellectual assets of the company are the key for innovative technologies and advanced production methods for a wide variety of medical and aesthetic applications.

CERTIFICATIONS AND QUALITY STANDARDS

To certify its quality, Biotec Italia adheres to the ISO 13485 company manufacturing policy and Bureau Veritas product Safety and Quality Certification marks, which guarantees that products have met applicable safety requirements and quality standards. Customers can be assured that they are buying a safe product that has been investigated to particular safety requirements by an accredited third party and is supported by regular surveillance audits.



biotec italia
Aesthetics

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