

07

CERTIFIED
COMPANY

Non-surgical
aesthetic procedure
with remarkable
clinical outcomes.

NEW GENERATION
OF INTENSITY FOCUSED ULTRASOUND
TO TREAT THE SKIN



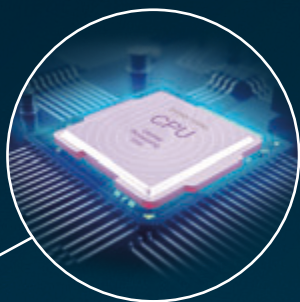
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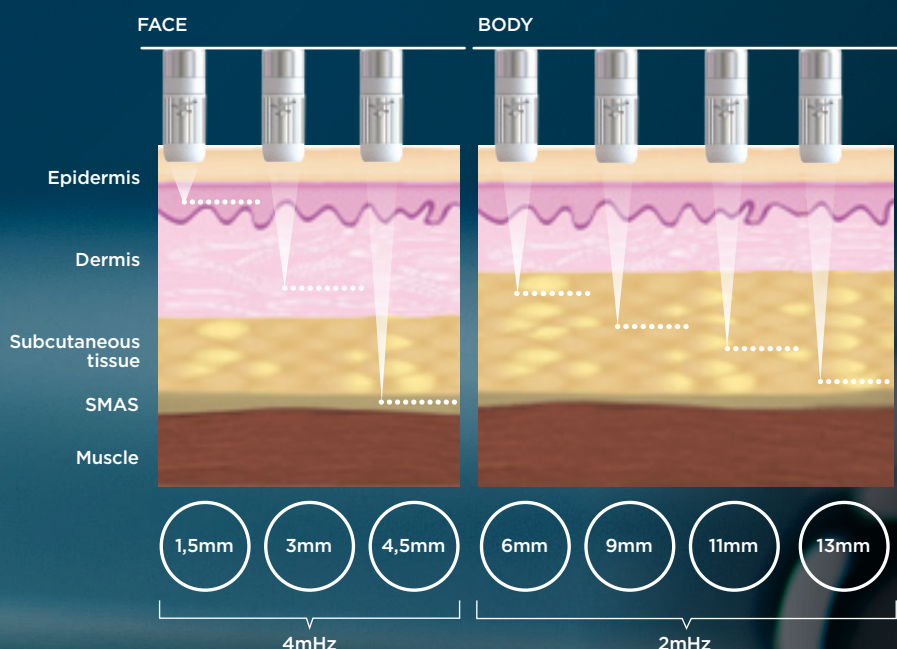
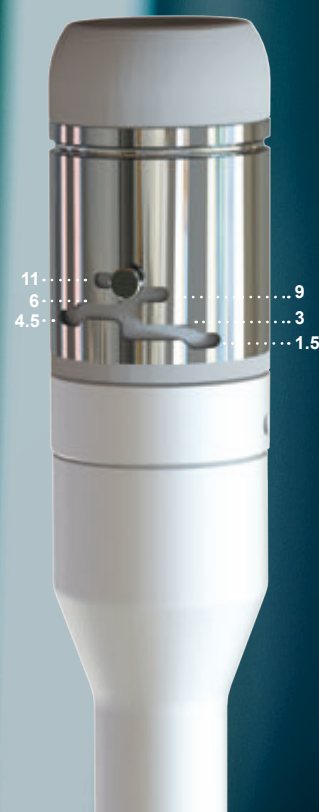
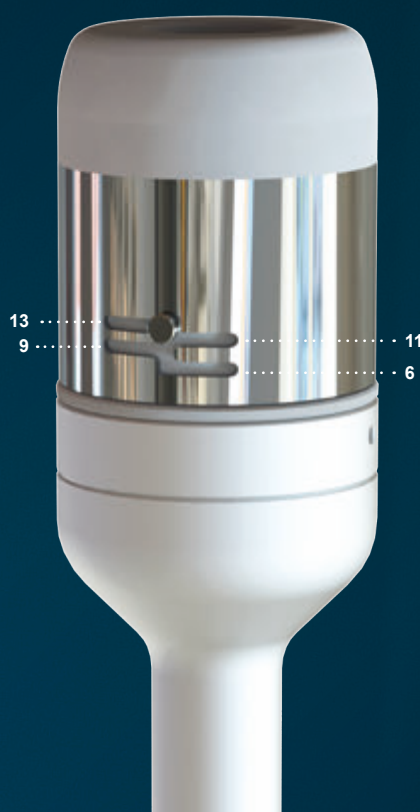
Design and technology
that make the difference.



UNIQUE TECHNOLOGICAL INNOVATIONS

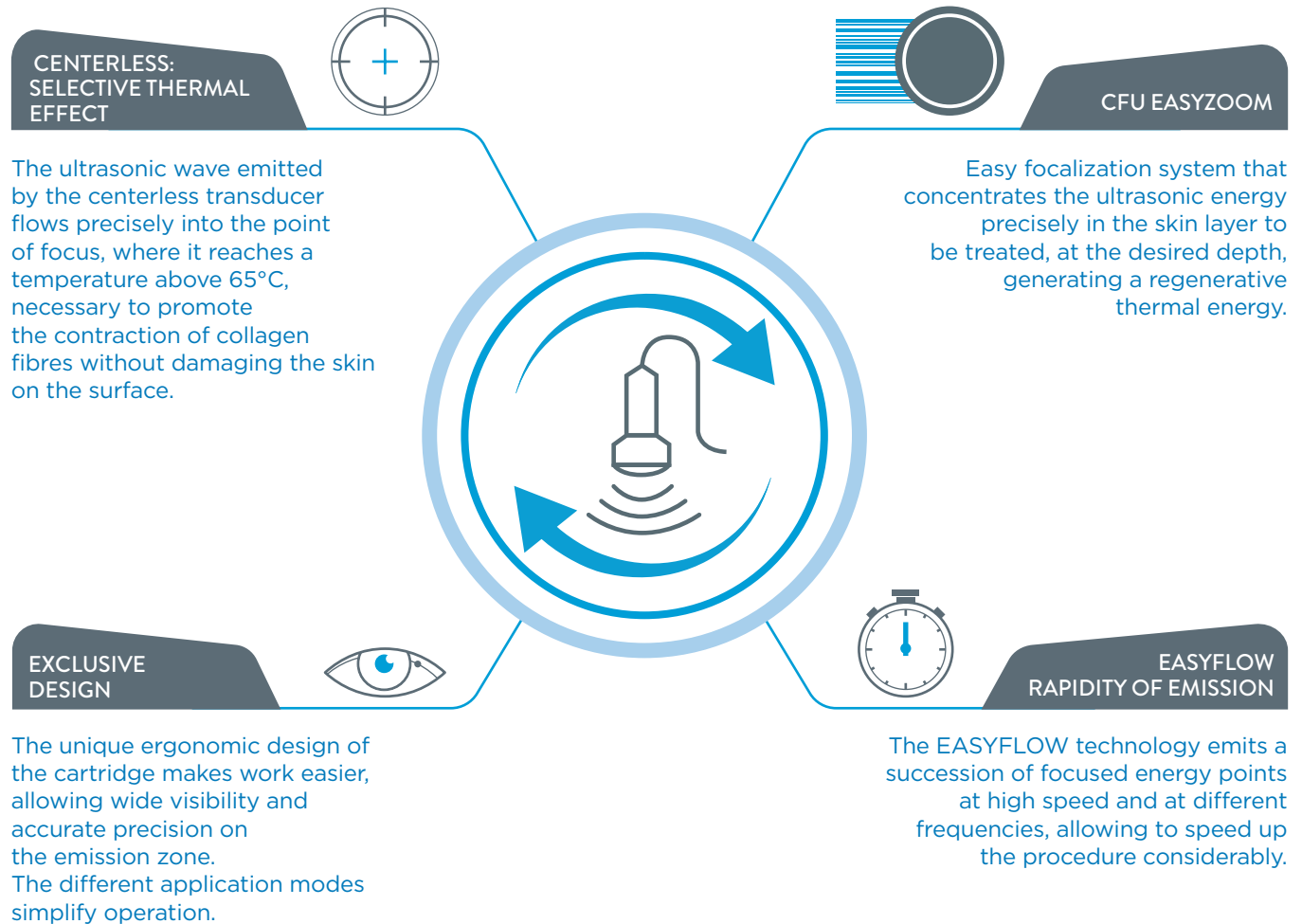
Biotec Italia platforms introduce a new concept based on the latest hardware and software design. Our research and development team develops next generation hardware solutions for the high-tech and high-performance medical industries, allowing constant system update to eliminate the problem of technology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

Maximum power and performance, always guaranteed.



The focused ultrasounds
penetrate the area to be
treated exclusively at
the chosen focal distance

CFU: The technological innovation, able to act in depth, previously only achievable with surgery.



AESTHETIC FACIAL AND BODY TREATMENT

Focused ultrasound, in the aesthetic treatment of facial skin, can be customized according to the needs of each individual, through the setting of the energy and depth of action of the ultrasound emitted. The ultrasound used for the face area emits at a frequency of 4mHz and a focal depth of 1.5, 3.0 and 4.5mm.

The depth of action can reach the facial SMAS, the fan-shaped structure that covers the facial muscles and connects the facial muscles with the overlying dermis.

In the aesthetic treatment of adipose tissue to reduce its volume ultrasound emits at a frequency of 2mHz and at different depths, from 6 to 11mm, allowing an excellent remodeling of adipose tissue.

MEDICAL TREATMENT OF HYPERHIDROSIS

The medical procedure with high intensity focused ultrasound has proven to be effective and safe for the treatment of hyperhidrosis and osmohidrosis. Focused ultrasound can be used to treat both the eccrine glands, responsible for excessive sweating, and the apocrine glands, responsible for bad smell.

The treatment is carried out quickly and painlessly, without the use of toxins, without side effects, achieving immediate improvement with lasting results.

ACE: Patented* proprietary technology that preserves the efficiency and durability of the transducer, guaranteeing treatment safety.

**Patent pending PCT/IT2019/000004*

DYNAMIC COOLING

ACE allows the active circulation of the cooling fluid on the transducer and guarantees its stability and efficiency, safeguarding operation over time.

ZERO HEAT ON THE SURFACE

ACE Technology eliminates the heat effect on the surface by reducing the heat developed by the transducer, increasing the safety of the procedure.

FREQUENCY STABILITY

The frequency variations of the transducer are limited by ACE technology, which protects it from overheating which, otherwise, could generate thermal energy dispersion phenomena, decreasing its efficiency.

LONG TRANSDUCER LIFESPAN

ACE Technology increases the life of the transducer inside the handpiece, up to 10,000,000 pulses. In addition, it keeps the emission frequency unchanged, guaranteeing its efficiency.



ZERO ATTENUATIONS

ACE Technology eliminates the sound wave attenuation phenomenon typical of transducers emitting in a stagnant fluid chamber. The heterogeneity of emission is guaranteed by the absence of air voids and diffused porosities in the emission chamber.

Treatment indications.

MEDICAL

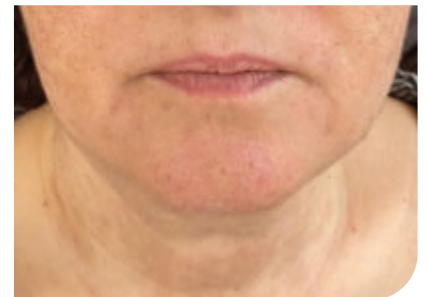
- Treatment of hyperhidrosis.

NO MEDICAL

- Firming and skin rejuvenation.
- Non-invasive lifting effect of the face and of the neck.
- Inelastic skin of the neck and cleavage.
- Reduction of periocular, maxillary and nasolabial wrinkles.
- Treatment of build-ups of localized fat.
- Treatment of acne scars.



Before



after/1 session



Before

90 days after/1 session



Before

60 days after/1 session



Before

60 days after/1 session



Before

60 days after/2 sessions



Before

After/1 session



Before

30 days after/2 sessions

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EASYFLOW: Full coverage focus ultrasound.

- CFU® **EASYZOOM** Technology
- **ACE**® Dynamic cooling
- **TECNOLOGIA CENTERLESS**: Selective thermal effect
- Improved visibility of the treatment area
- Reduced costs of consumables
- Countless medical and aesthetic applications

VIDEO
TUTORIAL

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

TECHNICAL DATA

VOLTAGE SUPPLY	230 Vac - 50/60 Hz
MAX POWER	200 VA
CLASS AND TYPE	I - BF
FUSES	2 x F2A 250V
DIMENSIONS	700 x 500 x 1300 mm
WEIGHT	45 kg
PULSE DURATION	from 10ms to 100ms
PULSE EMISSION STEP	from 1Hz to 100Hz

FACE

FOCAL DEPTH	1,5 / 3 / 4,5 mm
MAX POWER	6 / 10 W
APERTURE DIAMETER	15 mm
FREQUENCY	4 mHz

BODY

FOCAL DEPTH	6 / 9 / 11 / 13 mm
MAX POWER	23 W
APERTURE DIAMETER	38 mm
FREQUENCY	2 mHz

APPLICATORS



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 50 countries worldwide and offers customers an international services and sales network.

100% MADE IN ITALY

With innate passion for the Made in Italy's innovation and expertise, Biotec Italia keeps a close relationship with the tradition of his territory and strives to achieve unsurpassed excellence and reliability in manufacturing, supplying high quality products and services to customers and commercial partners. To reach this goal Biotec Italia assures "total customer satisfaction".

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
Medical

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