02

CERTIFIED COMPANY

# One Resource. Multiple technologies.

THE SYNERGY OF TECHNOLOGIES WHICH GUARANTEES RESULTS





biotec Italia Medical

# biotec italia

# **COAXMED** Integration and technology

Exceptional operation through the integration of a state-of-the-art technological modularity system with devices of proven clinical efficacy capable of treating face and body blemishes.



# 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.

# TissueActive<sup>®</sup> mode preserves vascularization of the skin.

# TissueActive

Preserves the vascularization of the tissue thanks to the synergy of the Coolfrequency<sup>®</sup> and Vacupulse<sup>®</sup> technologies.

# Coolfrequency

It stimulates intra and extracellular ion exchange, allowing the correct functionality of the cells and contributes to the elimination of the "blockage of ice" effect in the portion of treated tissue.

# Vacupulse

Active suction that causes the detachment of the tissues and modifies the resistance and elasticity of the connective tissue by keeping the tissues in motion and stimulating the microcirculation.

# 11

• Thermal Monitoring It constantly monitors the temperature reached on the skin by reporting the data on the monitor, ensuring safe and reproducible protocols.

# Uniform Cooling

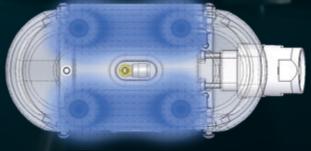
Rapid absorption of cold and high heat exchange capacity due to the ergonomics of the applicator ensures a stable and uniform temperature down to -10°C.

# Double Applicator

Possibility to treat two areas of different adiposity in the same session.

# cryoliposculpt

Cryolipolysis evolution for the medical treatment of body contouring



# Flexi<sup>®</sup> Multiple technologies.

### **DUOSHAPE®**

• **3Density**<sup>®</sup> Automatically modulates field frequency to vary the depth of penetration of thermal energ in the skin, from 200kHz to 600kHz.

• Exclusive simultaneous emission of high-intensity radiofrequency and high-power 28 kHz ultrasound generator which damages fat cell membranes thanks to the cavitational effect.

• **PerfectTune** technology cools the ultrasound transducer with active water flow which preserves stability and guarantee efficency.

# SKINTITE®

• Combination of rhythmic vacuum, microneedling and radiofrequency to induce dermal coagulation.

• Heats up the deeper dermis at 360 degrees around each microneedle tip generating collagen tightening and synthesis.

• Sterile disposable multi-needles electrode from 0.25mm to 2.5 mm length.

#### ABLAZE®

• **Cooltec:** Cools the handpiece's tip preserving the skin surface from overheating.

• **3Density:** Automatically modulates field frequency to vary the depth of penetration of thermal energy in the skin, from 300kHz to 1mHz.

• **Propatch:** Single-use, disposable, saline gel patch that guarantees uniform thermal emission, eliminating the risk of superficial blisters.

• EndoShape: Cells stimulation by adjustable rhythmic suction that facilitates RF energy penetration.

VACULASE®

• Phase1: Deep Laser Stimulation The laser diodes reactivate and boost the arterial, venous and lymphatic micro-circulation, encouraging neoangiogenesis of the intradermal vessels. The laser light energy also has beneficial effects on fibroblast activity.

#### Phase2: Localised Cooling

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

### • Phase3: Lipomassage

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

**Ablaze**<sup>®</sup>: The cryo-radio frequency that remodels the skin safely.

**3Density**<sup>®</sup>: The three-dimensional approach to unteract skin aging.

EndoShape<sup>®</sup>: Tensile and tissue biostimulation.

# coaxmed

# Maximize the investment while minimizing cost.

**COAXMED** is a unique technological innovation combining several technologies, the key to an amazing increase in the quality of the aesthetic results.

Obsolescence is one of the major problems in technology. The need to purchase the latest piece of equipment is the recurring complaint of physicians worldwide.

Coaxmed is designed to evolve. An upgradable platform with the ability to be upgraded to the latest innovations and technologies in the market without the need of purchasing a new model.

# **Treatment** indications.

# **MEDICAL**

• EFP (Edematous Fibrosclerotic Panniculopathy)

# NO MEDICAL

- Fat treatment.
- Lifting treatment.
- Stretch marks protocol.
- Skin aging protocol.
- Acne protocol.
- Man pectoral treatment.
- Skin repair treatment.
- Lymphatic drainage treatment.
- Remodeling treatment (Contour).
- Cutaneous and muscular laxity protocol.
- Treatment for reducing skin laxity.



Before (Cryoliposculpt) 60 days after/1 session

Before (Skintite)



Before (Skintite)

Before (Ablaze)

30 days after/4 sessions



60 days after/4 sessions





20 days after/8 sessions

30 days after/4 sessions







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Synchronization of clinical applications through the blending of diverse technologies.



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### **TECHNICAL DATA**

SUPPLY VOLTAGE	240 Vac 50/60 Hz	
MAX POWER	450 VA	
FUSES	2 x F4A 250 V	
MAX VACUUM	66.6 kPa	
MINIMUM CRYO TEMPERATURE	-10°	
CLASS AND TYPE	IBF	
RISK CLASSIFICATION ON 93/42 / EEC	Class IIb	
DIMENSIONS	680 x 470 x 1400 mm	
MAX WEIGHT WHIT APPLICATORS	63 kg	

FRE WAV

MAX OPE

ACT

### **ULTRASOUND**

FREQUENCY	28 kHz
MAX POWER	35 W
OPERATIVE MODE	Continuos and Pulsed
ACTIVATION	Footswitch

#### VACULASE

N° OF DIODE LASER	4
WAVELENGHT	8 vnm ± 5
OUTPUT POWER CW PER DIODE	1W

### **CRYOLIPOLYSIS WITH SUCTION**

MINIMUM TEMPERATURE	-10°C
MAX SUCTION	66.6 kPa
OPERATIVE MODE	Continuos
ACTIVATION	Touchscreen Butto

# **BODY APPLICATORS**



#### FACE RADIOFREQUENCY FUN

CTION	Bib
QUENCY	Fro
'ELENGHT	An
POWER	10
RATIVE MODE	Co
VATION	Fo

olar/Monopolar m 300 kHz to 1000 kHz nplitude modulated signal o w ntinuos and Pulsed tswitch

# **BODY RADIOFREQUENCY**

FUNCTION
FREQUENCY
WAVELENGHT
MAX POWER
OPERATIVE MODE
ACTIVATION

Bipolar/Monopolar From 300 kHz to 100<u>0 kHz</u> Amplitude modulated signal 130 W Continuos and Pulsed Footswitch

# **FACE APPLICATORS**



ENDOSHAPE

SKINTITE

# 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.







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