

# Imperium<sup>®</sup>



MED  
**300**

#### **Capacitive and/or Resistive Diathermy**

Athermal  
Hypothermal  
Hyperthermal  
Personalized

#### **Low Frequency Ultrasound 40 KHz (Cavitation)**

Breaking  
Lipolytic  
Personalized

#### **Low Frequency Ultrasound 25 KHz (Dermoabrasive)**

Epidermoabrasion  
Sonophoresis  
Personalized

#### **Electro-Radioporation**

Mesoporation  
Personalized

diatermologie<sup>®</sup>





## ADVANCED TECHNOLOGY

**Imperium Med 300**, is the latest generation of a family of high-tech electrical instruments for physiotherapy treatments through the provision of high intensity (up to 300 Watts) energy flows (RF) that develop endogenous heat (diathermy). This equipment is designed to amplify all the biological effects in human tissues arising from the application of diathermy energy, enhancing the ability of elective and selective excitation / stimulation of irradiated tissues. The instrumentation additionally has a specific plug in optional mode of ultrasonic energy from at low to medium frequency (40KHz - 1MHz).

**Imperium Med 300.** This model represents the perfect balance between innovation and proper quality / price ratio. Imperium Med 300, just like the Med 400, is designed to complement the work of the doctors and combines diathermy by radiofrequency with a power of 300W and a sheer shock US (shock wave type) for treatments of fibrosis and cellulite.

### TSL (Thermic Saturation Level)

This device (like other models), is equipped with the TSL (Thermic Saturation Level) a means of thermal saturation, that is sensitive to detecting changes in temperature increases until it reaches the target temperature limit programmed. This device is useful to now exactly the amount of electromagnetic energy applied, as intended by the pre-selected program.

## TECHNICAL SPECIFICATIONS

- Capacitive Power 300 W max
- Resistive Power 300 W max
- Frequency 300 KHz to 1 MHz
- Dimensions: 48x43x22cm
- Weight (excluding accessories): 14 Kg
- Color display 5.7 inch TFT with 320x240 pixel resolution
- Foot pedal
- Parameters and thermal and power levels can be selected using keyboard membrane and control knob of the equipment
- Protection from static shock
- Protection against accidental short circuits between the neutral plate and electrode
- Equipment Classification IIa
- Classification for electrical safety classification I, type BF

## FIELDS OF APPLICATION

### Beauty

- Facial Aesthetics
- Body Treatments
- Fluid retention
- Acne
- Muscle aesthetic
- Hypotonia

### Esthetic rehabilitation

### Plastic Reconstructive Surgery

- Skin tissue
- Muscle tissue
- Vascular tissue
- Adipose tissue
- Connective tissue

## diatermologie®

**Diatermologie** is the new frontier that studies and exploits the curative effect of the heat, unlike other forms of thermotherapy it acts in depth effect of the heat, unlike other forms of thermotherapy it acts in depth because the heat is generated directly within the biological tissues. Therapeutic effects are due to both heat and the bioelectricity form of energy. In fact, even in athermal, has the ability to reactivate cellular metabolism and eliminate toxins, accelerating the healing process.

**Diatermologie** is widely applied in physiatric medicine, sports and orthopedic medicine, rheumatology and rehabilitative medical aesthetics.

Due to its physical principles, the **Diatermologie** demonstrates the capabilities of electromagnetism based on radio frequency to penetrate biological tissues from the surface down to deeper and deeper layers, as well as any other form of physical therapy, having its effectiveness in different parts of the body such as muscles (muscular diathermocontraction), adipose tissue (lipolysis), connective tissue (collagen regeneration), skin and bone (eutrophic and repairing), the vascular tissue (vasodilation and capillarization) through its action on the pain, on the tissue trophism, on the inflammation, on vasodilatation, on the muscle strength.

## HANDPIECES



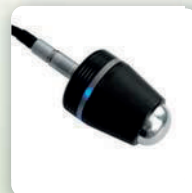
RF Capacitive Convex



RF T-POINT  
(wrinkles, face, stretch marks)



RF 3D Box  
with adhesive electrodes  
for automatic RF therapy



Ultracav40  
Low frequency ultrasound  
(Cavitation)



RF SPHERES  
(Bipolar)