



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 250 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 at low to medium frequency (40KHz-1MHz).

Imperium Med 300 highlights the capacitive / resistive mode of energy transfer, and without direct application of electric currents on the tissue, creates the movement of ionic charges of its own biological tissues (Endogenous thermotherapy). Great versatility and expandability was achieved by the system of a single cable with a pressure connector (plug & treat).

TSL (Thermic Saturation Level)

This equipment (like other models), is equipped with the TSL (Thermal Saturation Level) a means of thermal saturation, practically each handpiece of each actuator that is sensitive to detecting changes in temperature increases until it reaches the target temperature limit programmed. This device is useful so one knows exactly that the same amount of electromagnetic energy was applied as intended by the pre-selected program.

TECHNICAL SPECIFICATIONS

- Capacitive Power 300 W max
- Resistive Power 300 W max
- Frequency of 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

Physical medicine and rehabilitation

- Orthopedics and Traumatology
- Sports Medicine
- Rheumatology
- Neurology
- Vascular Surgery
- Dermatology
- Ophthalmology

Esthetic rehabilitation

Plastic Reconstructive Surgery

- Skin tissue
- Muscle tissue
- vascular tissue
- Adipose tissue
- Connective tissue

Cosmetics Applications

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

diatermologie®

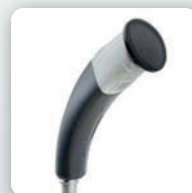
Diatermologie® (Trademark Brera medical technologies) is the new frontier that studies and exploits the curative effect of the heat, unlike other forms of thermotherapy acts in depth because the heat is generated directly within the biological tissues.

Not only the heat produces therapeutic effects but also the bioelectricity of this form of energy. In fact, even in athermal, has the ability to reactivate cellular metabolism and eliminate toxins, accelerating the healing process.

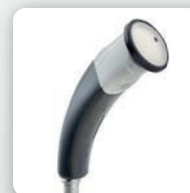
Diatermologie® is widely applied in physiatric medicine, sports - and orthopedic medicine, rheumatology and rehabilitative medical aesthetics.

Due to its physical principles, the **Diatermologie®** demonstrates the capabilities of electromagnetism transforming into radio frequency that is penetrating biological tissues irradiates from the surface down to deeper and deeper layers, as well as any form of physical therapy, exercising its effectiveness in different parts of the body such as muscles, adipose tissue, connective tissue, skin and bone, the vascular tissue through its action on the pain, on the tissue tropism, on the inflammation, on vasodilatation.

STANDARD EQUIPMENT



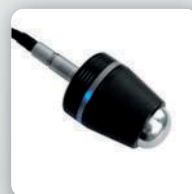
RF Capacitive Convex



RF Resistive Convex



RF 3D Box
with adhesive electrodes



Ultracav40



RF Capacitive
traditional



RF Resistive
traditional



Return Electrode



On/Off therapy
button Safety