



## SIMPLICITY, PORTABILITY AND POWER

**Imperium THERA 180** represents the best compromise between ease of use, portability and power. All at a competitive launch price. Ideal companion of the rehabilitation therapists who wish to have a compact and powerful product. Diathermy at a radiofrequency of last generation with a power of 150W. Plug & Treat system as in the models MED 250 and MED 400 and a wide choice of handpieces dedicated to specific therapies for RF and U.S. to 1MHz.

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.

Using diathermy while using radiofrequency is an innovative form of therapy, particularly valuable in the treatment of muscle, bone and joint diseases, able to reactivate the self repair mechanisms of the body.

**Imperium THERA 180** 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).

**Imperium THERA 180** is capable of creating a significant stimulation at cell level, triggering the natural healing processes, creating an important vasodilation of the area with increased blood circulation, which determines pain relief, reduction of muscle contractures and the reabsorption of edema.

## TECHNICAL SPECIFICATIONS

- Capacitive Power 180 W max
- Resistive Power 180 W max
- Frequency of 500 KHz
- Dimensions: 45x35x15cm
- Weight (excluding accessories): 7.5 Kg
- Foot pedal
- Parameters and thermal and power levels can be selected using keyboard membrane and control knob from 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

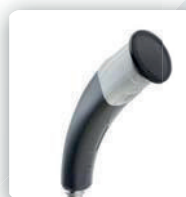
### Physical medicine and rehabilitation

- 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

## STANDARD EQUIPMENT



RF Capacitive Convex with vibro thermia



RF Resistive Convex with vibro thermia



RF Capacitive traditional



Return Electrode



On/Off therapy button Safety



RF Resistive traditional



RF 3D Box with adhesive electrodes

