

# INSTRUMENT FOR MAGNETOTHERAPY

## Mod. MGNT/EV

### Main characteristics:

The application of the most advanced technologies enables to use more and more updated equipment and integrated functions.

This technology comes from the most recent systems used by personal computers and includes the possibility of updating equipment's functions and programs by using a smart card.

The equipment mod. MGNT/EV outputs magnetic fields of variable frequency from 1 to 100 Hz with intensity up to 200 Gauss. The wide range of available accessories enables the operator to deal with various pathologies that can benefit from magnetotherapy. The smart card memory enables the operator to create individual patient's cards.

A convenient encoder enables a quick selection of current and of the protocol to be issued, and the access to a library of 50 programmes ; furthermore, it enables the operator to create and store up to 50 different, simple or sequential treatment cycles.

### Technical characteristics:

- Graphic TFT LCD of 6"
- Smart card with 64-Kbit memory
- Integrated serial command
- 2 x 16 bit microprocessor
- 50 pre-set protocols
- separate pressure gauge for each section
- 50 protocols for storing
- Exclusive MFC patent that reduces electromagnetic pollution up to <85%
- Solenoids driven with triangular, rectangular and sinusoidal pulse signals
- Option of driving solenoids of various shapes and sizes
- 100 Gauss per output
- Option of modulating the output signal range for the operator
- Absorbed power: 210 W
- Insulation class: II type BF



- Risk class (93/42/EEC): II B
- Available outputs: 1
- Timer
- Supply voltage: 230V 50/60 Hz / 110V 50/60Hz
- Dimensions: 385 x 135 x 300 mm
- Weight: 4 kg

The instrument is connected externally with a box with test points ( $\varnothing$  2 mm) which enable a simple and safe detecting procedure. This enables students to understand also the main functions of the circuit.

### REQUIRED

- INSTRUMENTS - NOT INCLUDED -
- MULTIMETER
  - OSCILLOSCOPE