



SHORTWAVE MAGNETOTHERAPY (SHORTWAVE INDUCTOTHERAPY) PROVIDES:

- TREATMENT OF SPECIFIC BODY AREAS WITH HIGH-FREQUENCY (SHORTWAVE) MAGNETIC FIELD;
- INDUCTION OF EDDY CURRENTS IN BODY TISSUES AT THE DEPTH UP TO 68 CM;
- HEAT QUANTITY THAT IS SUBSTANTIALLY HIGHER THAN THE ONE PRODUCED BY LOW-FREQUENCY MAGNETIC FIELD (SINCE HEAT QUANTITY IS DIRECTLY PROPORTIONAL TO SQUARED FREQUENCY VALUE OF THE MAGNETIC FIELD);
- PREDOMINANT POSITIVE EFFECT ON BLOOD-FILLED TISSUES AND VASCULAR SYSTEM;
- ACTIVATION OF VENOUS DRAINAGE AND LYMPHOKINESIS;
- LOWER TONE OF TRANSVERSAL STRIPED AND UNSTRIPED MUSCLES AND, PARTICULARLY, VASCULAR WALLS;
- IMPROVED PHAGOCYTOSIS.

MAGNITHERM SHORTWAVE THERAPY UNIT

This device is designed for treatment of inflammatory, traumatic, dystrophic and tumor-like diseases of human organs. The therapeutic effect is provided due to magnetic component of shortwave electromagnetic field that has both thermal and electrochemical effect on patient's tissues.

MAGNITHERM unit features:

- Three standard power levels of 50 W, 100 W and 200 W;
- Discrete control of output power in any range;
- Continuous generation mode;
- Initial programming of output power minimum value upon session startup or after power cutoff;
- Output power turning-off after preset procedure time expired;
- Light indication of device switching-on and of radiation power range;
- Digital indication of time remaining to procedure end, shortwave power level and standing wave ratio as a function of voltage.

SPECIFICATIONS

| Parameter | Value |
|---|-----------------------------------|
| Operating frequency, MHz | 27,12 ± 0,163 |
| Output power range for matched load of 50 Ohm: for range No.1, W for range No.2, W for range No.3, W | 2 to 50 20 to 100 40 to 200 |
| Maximum power consumption, VA, for 220 V AC, 50 0.5 Hz mains | 800 |
| Duration of one treatment session, minutes | 1 to 60 |

Loop-type applicator is used for contact treatment sessions.

MAGNITHERM. THE PROFESSIONAL'S CHOICE.