

The magnetic therapy devices generate a magnetic field with low-frequency (which can be regulated from 1 to 100 Hz) and intensity up to 100 Gauss for each output, which has a positive impact for the tissue and bone tissues regeneration.

### MAIN INDICATIONS

---

- **Recent fractures and consolidation delays**

Magnetic fields accelerate the consolidation time in a very high number of cases by stimulating the osteogenic activity at the fracture rime level. The recovery process of bone discontinuity takes place through the induction of the piezoelectric effect in the connective structures improving the local circulatory conditions.

- **Pseudoarthrosis**

Magnetic fields have been shown to be effective in treating pseudoarthrosis.

- **Sudeck's disease and osteoporosis**

Magnetic therapy was effective in 80% of cases with the Sudeck's disease and in 70% of osteoporosis.

- **Inflammatory and degenerative arthropathy**

Both inflammatory and degenerative arthropathies are treated by magnetic therapy. Positive results have been obtained for rheumatoid arthritis in hands and knees, spondylitis ankylopoetica, gonarthrosis and lumbar arthrosis.

- **Arteriopathy obliterans**

Magnetic fields are effective for vascular diseases through their influence on the blood flux and micro-circle.

- **Bed sores**

With its bio-stimulating effect the magnetic therapy can be used against such disease. Several treatments are needed for the cure to be effective

- **Psoriasis**

Psoriasis responds well to this therapy in 60% of the cases.

### OTHER APPLICATIONS

---

- Skin wounds and ulcers
- Infections/ Inflammations
- Muscular spasms/ circulatory alterations
- Arthrosis, Rheumatis
- Stimulation of the endocrine and lymphatic system

*Each device has to be equipped with accessories to be chosen according to the user's needs.*

### ■ MAC 1215 - MAGNETOMED 7200

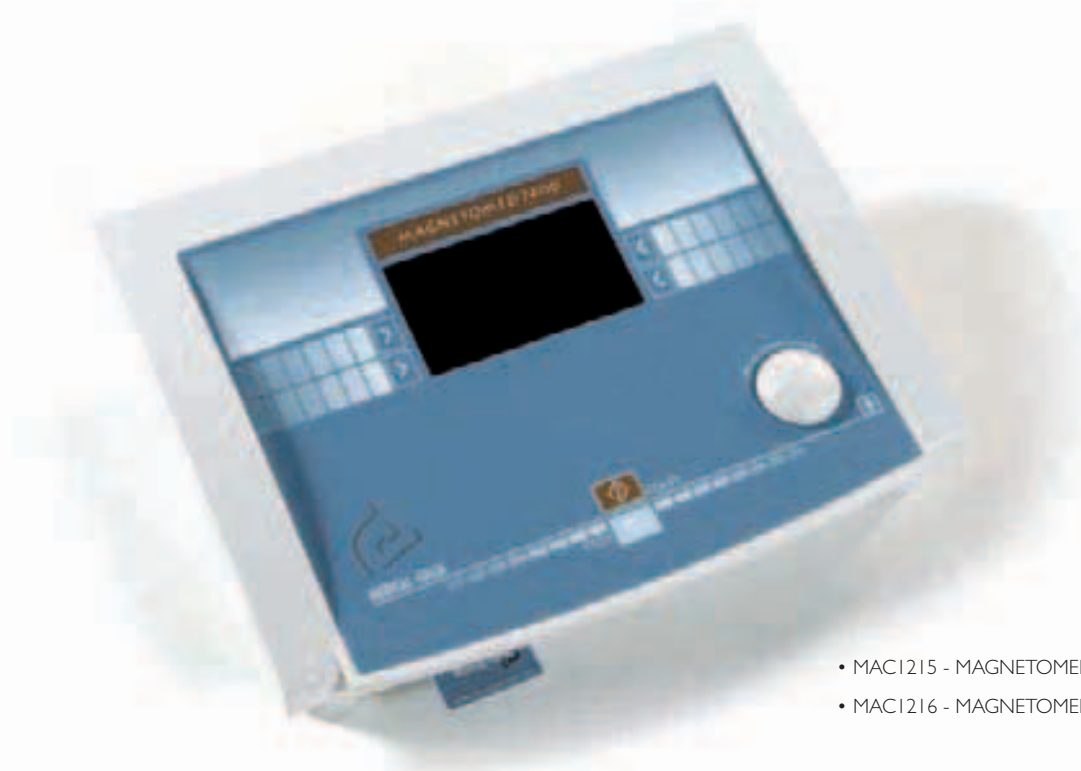
Table device for magnetic therapy, with 2 independent output channels:

- possibility to start up the output as follows: 1 - 2 independently;
- or 1+2 simultaneously (perfect for "total body" treatments where the simultaneous use of 2 solenoids is needed)

### ■ MAC 1216 - MAGNETOMED 7400

Table device for magnetic therapy, with 4 independent output channels:

- possibility to start up the output as follows: 1-3 or 2-4 independently
- or 1+2 and 3+4 simultaneously (perfect for "total body" treatments where the simultaneous use of 4 solenoids is needed)



- MAC 1215 - MAGNETOMED 7200
- MAC 1216 - MAGNETOMED 7400

## MAGNETOMED - MODELS ON TROLLEY

### ■ MAC I217 - MAGNETOMED 8200

Device for magnetic therapy on trolley, with 2 independent output channels and the possibility to start up the output as follows:

- 1 - 2 independent;
- or 1 + 2 simultaneously (perfect for "total body" treatments where the simultaneous use of 2 solenoids is needed).

### ■ MAC I218 - MAGNETOMED 8400

Device for magnetic therapy on trolley, with 4 independent output channels and the possibility to start up the output as follows:

- 1 - 2 - 3 - 4 independent;
- or 1 + 2 e 3 + 4 simultaneously (perfect for "total body" treatments where the simultaneous use of 4 solenoids is needed).

SUPPLIED ACCESSORIES	7200/8200	7400/8400
Power cable	1	1
User manual	1	1
Fuses	2 x 3.15 A-T	2 x 6.3 A-T
Ring Magnet (for the device's test)	1	1



- MAC I217 - MAGNETOMED 8200
- MAC I218 - MAGNETOMED 8400

MAGNETOMED

DEDICATED TO  
PEOPLE LOOKING  
FOR THE TOP

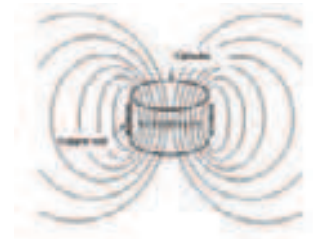


## PATENT MFC

Magnetic therapy devices together with their applicators create a magnetic field, whose intensity and frequency can be regulated, producing an induction in the surrounding space which can be seen in picture 1:

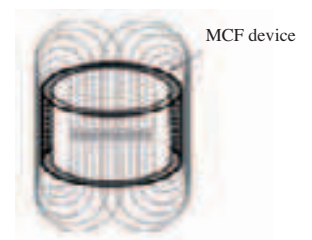
The lines of force reach the highest intensity near the solenoid and decrease while moving away from it. The highest power is reached when in contact with the solenoid and the intensity produced outside the cylinder is similar to the internal one.

Of course the effect of the electro-magnetic field will be perceived not only by the patient inside the solenoid, but also all people eventually being or walking around (a good intensity can be spread until 50-60 cm from the solenoid).



This phenomenon, affecting all magnetic therapy devices on sale, causes an excessive exposition to electromagnetic fields for all users who are close to applicators and solenoids.

To solve this big problem EME Srl, after many studies and research, developed the exclusive MFC patent (d. n° PS2000U00044), which by using a particular device reduces drastically the magnetic induction produced outside the solenoid concentrating the lines of force inside it thereby affecting only the patient. The resulting effect is shown in the picture (fig 2).



The instrumental measurements showed that using the MFC patent the electromagnetic pollution of the surrounding space is reduced by more than 85%. Such a device is in compliance with the new rules introduced by the legislative decree 626 involving the directives' implementation. CEE:

89/391 89/651 89/655 89/656 90/296 90/270 90/394 90/679

concerning the improvement of workers' safety and health in the workplace.

## MAGNETOMED - OPTIONAL ACCESSORIES

---

Portable cylinder; 30 cm diameter; equipped with foot for level surfaces and provided with exclusive MFC patent concentrating the lines of force inside the solenoid without wasting them outside (in compliance with the legislative decree 626). The North Pole is to be found for a correct orientation.

- ACC549 - CP30



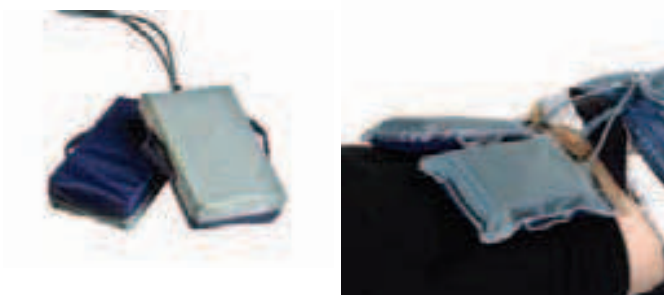
Portable cylinder with 50 cm diameter for lower and upper limbs treatment. Portable cylinder; 50 cm diameter; equipped with foot for level surfaces and provided with exclusive MFC patent concentrating the lines of force inside the solenoid without wasting them outside (in compliance with the legislative decree 626). The North Pole is to be found for a correct orientation.

- ACC550 - CP50



Two applicators, 16 x 10 x 3,5 for localized treatments. The two applicators can either work together (for big areas) or in opposition (to focus the magnetic induction into a specific area). Plastic container, lined with grey imitation leather to find the North Pole and blue for the South Pole. Light weight and soft colour while in action.

- ACC615 - CP



High-Tech aluminium bed with 2 highly sliding rails and 2 cylinders (a cylinder with a 60 cm diameter and 36 cm width and the other with a 60 cm diameter and 22 cm width) imitation leather lined and provided with the exclusive MFC patent concentrating the lines of force inside the solenoid without wasting them outside (in compliance with the legislative decree 626). The North Pole is to be found for a correct orientation.

- ACC544 - LC60/2



High-Tech aluminium bed with 1 highly sliding rail and 1 cylinder with a 60 cm diameter and 36 cm width, imitation leather lined, provided with the exclusive MFC patent concentrating the lines of force inside the solenoid without wasting them outside (in compliance with the legislative decree 626). The 60 cm cylinder lies on ball bearings and can slide 100% of the total run. The North Pole is to be found for a correct orientation.

- ACC543 - LC60





## MAGNETOMED - OPTIONAL ACCESSORIES

STATIVE APPLICATOR EQUIPPED  
WITH 50 CM CYLINDER

- ACC598 - SC50



STATIVE APPLICATOR EQUIPPED  
WITH VANE SLIDING SOLENOID,  
PERFECT FOR TREATMENTS  
WHILE BEING

- ACC404 - SA



VOCAL KIT

- ACC501



3 SHELVES TROLLEY

- ACC604



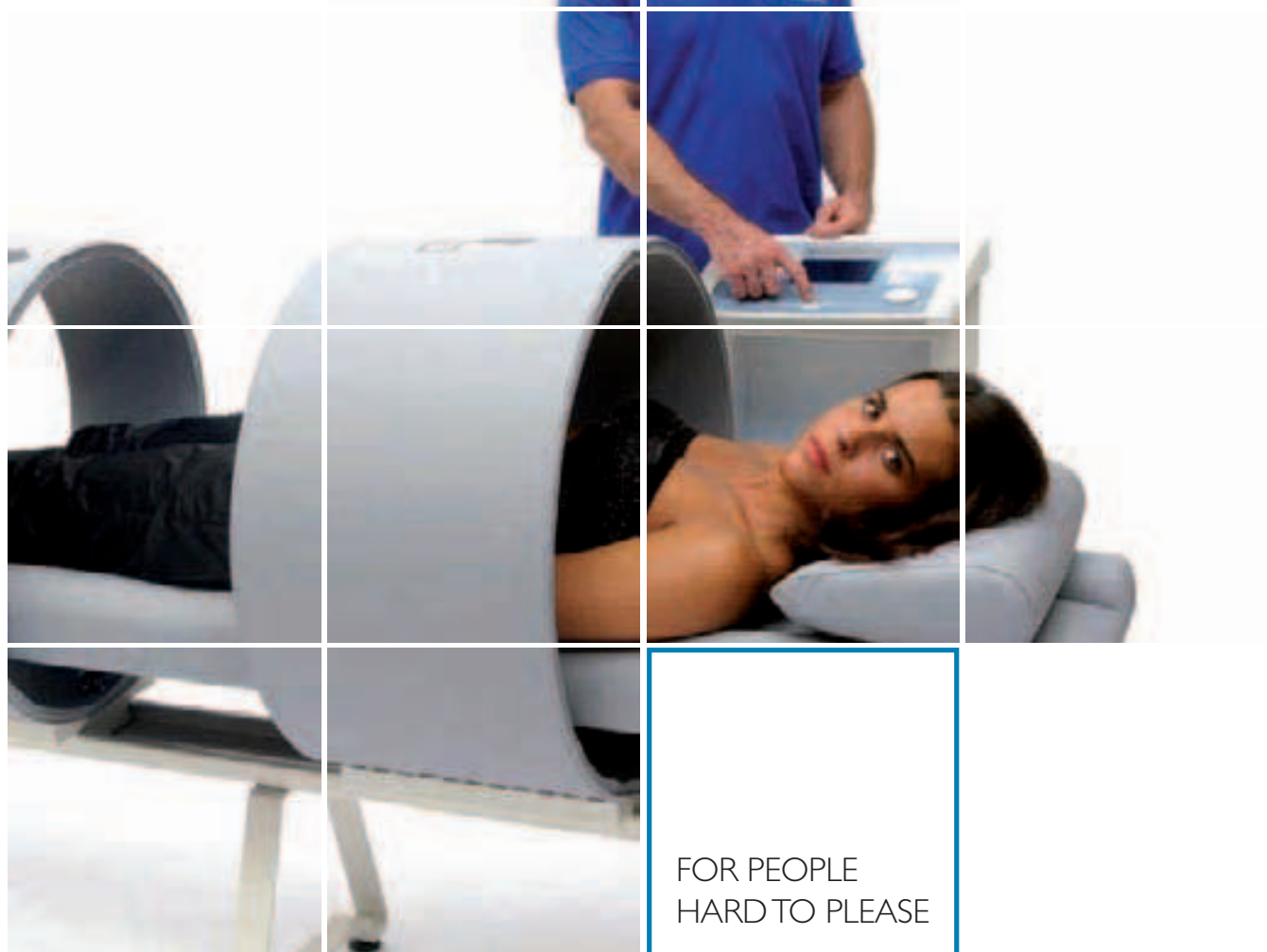
KIT OF 10 PATIENT SMART CARD

- ACC606



KIT FOR SOFTWARE UPDATING

- ACC607



FOR PEOPLE  
HARD TO PLEASE