

# USER MANUAL

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*MNPG75-02 Edition 15/05/19*

Magnetotherapy mattress

# OSTEOMAT

*I.A.C.E.R. Srl*

*[www.itechmedicaldivision.com](http://www.itechmedicaldivision.com)*

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## **Introduction**

**OSTEOMAT** is the new mattress for low frequency magnetotherapy treatments.

This mattress has been realized to meet two important requirements: the long-term therapy and the need of total body treatment.

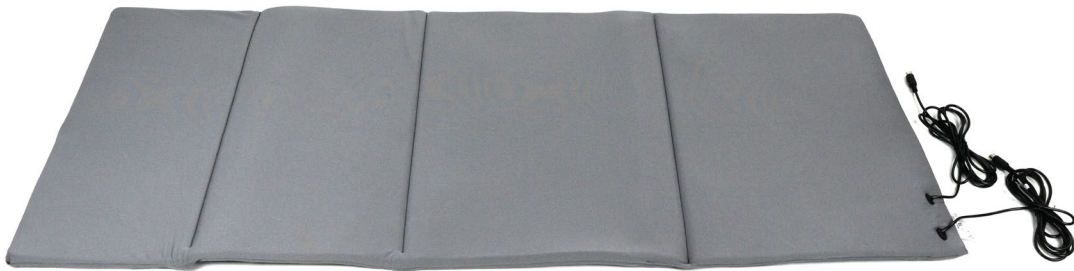
It's well-known that magnetotherapy interacts with cells structures by promoting the physiological conditions equilibrium recovery. Pulsed magnetic fields promote ion exchange between the two sides of cell membranes. These actions help to re-establish the correct transmembrane potential that is very important for cell nutritional intake.

The above-mentioned effects are equivalent to analgesic effects, inflammation reduction and edema reabsorption stimulation.

Moreover, low frequency magnetotherapy is particularly indicated in stimulation of fractures repair and to delay bone density reduction caused by **osteoporosis**.

Osteoporosis is an increasing social phenomenon and needs treatment of whole skeletal architecture. Concerning this purpose, the mattress allows the total body treatment.

The new mattress **OSTEOMAT** represents the ideal solution for total body treatment in a single session, thanks to easy- to- use mode and extreme flexibility.



**Technical features:**

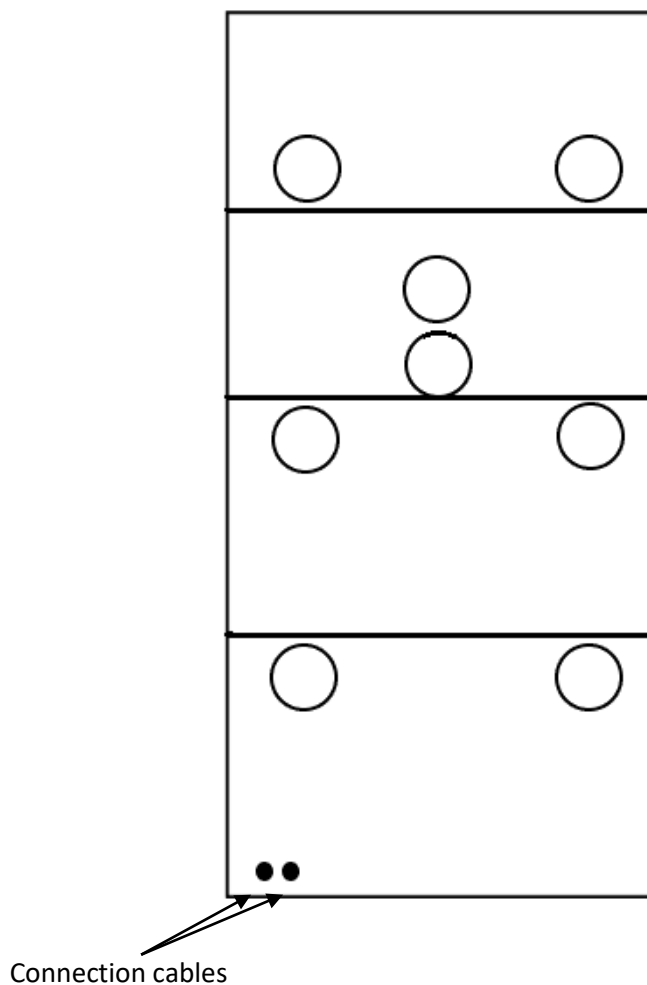
- Total mattress dimensions: 160x65x2 cm;
- 4 active sectors;
- 2 connection cables;
- Suitable for MAG2000, MAG2000 PLUS and LaMagneto models;
- Non-woven fabric sheet (package of 2 pieces).

The mattress Osteomat is composed of 4 active sectors, containing 2 solenoids each, for a total of 8 solenoids.

Attention: it is suggested to apply the non-woven sheet to the mattress before utilization.

The configuration of Osteomat stimulates the body zones (shoulders, column, pelvis) that are more affected by bone mass reduction. This is typical of osteoporosis pathology.

Please refer to the below image for the internal positioning of the solenoids (indicated by the circles).



### **Operating instructions of Osteomat**

*We recommend to read the following instructions for an easy and quick use of Osteomat:*

- 1. Connect the two cables of the mattress to the entrances CH1 and CH2 placed on the upper side of the device in use (MAG2000, MAG2000 PLUS or LaMagneto series);*
- 2. Select the therapy program by following the instructions of the device user manual;*
- 3. Lie down on the mattress and pay attention to do it on the correct side identified as therapeutic by the label.*

### *Osteomat maintenance*

### **Osteomat cleaning**

*We recommend to disconnect Osteomat from the device before cleaning the mattress.  
Clean the surface by using a dampened cloth with water and mild soap and wait for the complete drying before using the mattress again for the treatment.*

### **Assistance**

*Every technical assistance intervention on the therapeutic mattress Osteomat must be performed only by the manufacturer. For any technical assistance please contact:*

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## **Warranty**

*Osteomat is covered by a 1-year manufacturer's warranty from the date of purchase. The warranty shall not apply in the case of tampering, negligence and/or inappropriate use of the mattress, and in case of intervention carried out by personnel which is not authorised by the manufacturer or the authorised dealer.*

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