# USER MANUAL

***MNPG75-05 Edition 04/07/2022***

Mat for magnetotherapy

# *OSTEOMAT*

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

***www.itechmedicaldivision.com***

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

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## *Introduction*

*The **OSTEOMAT** mat is the new mat for low-frequency magnetotherapy. This mat has been designed due to the need to treat several parts of the body at the same time for prolonged therapy times.*

*The effectiveness of magnetotherapy in recovering from physiological conditions caused by imbalance of cellular structures is now well known. The pulsed magnetic fields, in fact, act on cell membranes promoting ion exchange between the two sides of the membrane. This leads to restoring the correct transmembrane potential that is essential to ensure the supply of nutrients to the cell.*

*At the level of organs and anatomical structures these effects translate into analgesia, reduction of inflammation, promotion of oedema reabsorption.*

*In addition, low-frequency magnetotherapy is particularly suitable for supporting the regeneration of fractures and for slowing down the process of decrease in bone density triggered by **osteoporosis**. Osteoporosis, which has now become an increasing social phenomenon, implies the need to intervene on the skeletal architecture as a whole. In this regard, the possibility of using a mat allows you to intervene in a systemic way on the whole body.*

*Therefore, the new **OSTEOMAT** mat represents the ideal tool for treating multiple body segments in a single session thanks to its great ease of use and utmost flexibility.*

*The device is classified as class I, in accordance with rule 1 (4.1) referred to in Annex VIII of Regulation (EU) 2017/745 of the European Parliament and of the Council, dated 5 April 2017, relating to medical devices.*

*Basic UDI-DI: 8019781PEMFLFMATPX*

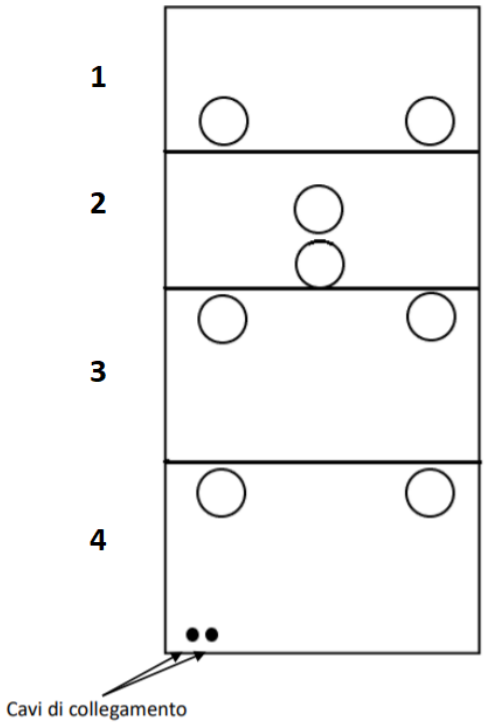
*UDI-DI: 08019781112507*

## *Technical specifications:*

- *Complete mat size: 160x65x2 cm;*
- *4 active sectors;*
- *2 connection cables;*
- *Compatible with MAG2000 models and LaMagneto models;*
- *Non-woven mat cover (2 pieces).*

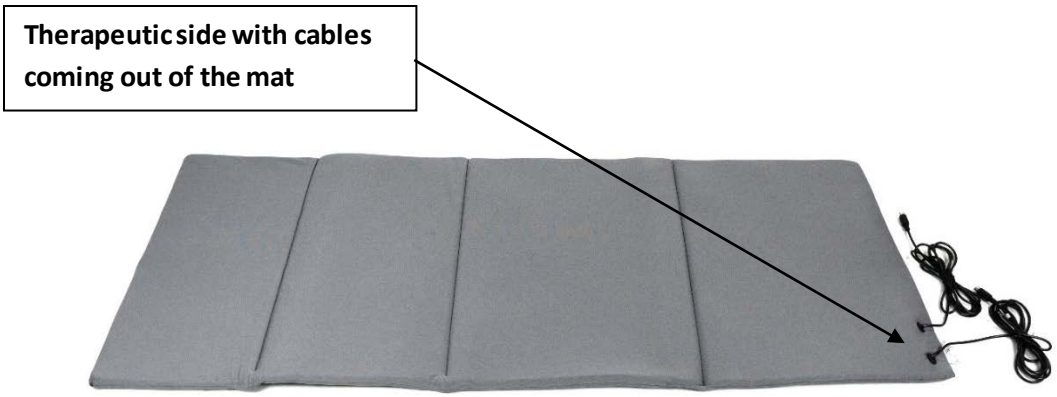
*The Osteomat mat consists of 4 active sectors, containing 2 solenoids each, for a total of 8.*

*Attention: it is advisable to put the non-woven cover onto the mat before use.*
*Osteomat has been designed to stimulate those areas of the body (shoulders, spine, pelvis) that are most affected by a reduction in bone mass, which is a typical symptom of osteoporosis.*
*Refer to the following picture for the arrangement of the solenoids (indicated by the circles) inside the Osteomat.*




*Place the body with your shoulders on section 1 and your legs on section 4.*

*The therapeutic side corresponds to that shown in the picture below:*




## Instructions for use

### *Instructions for using Osteomat*

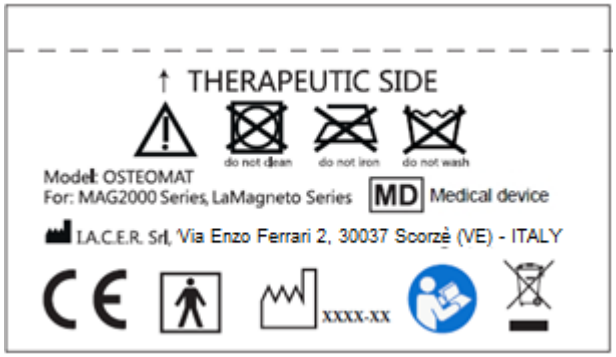
*To use the Osteomat mat, simply follow the simple steps below:*

1. *Connect the two mat cables to the two CH1 and CH2 sockets located on the small panel in the upper part of the device used (device from MAG2000 family or LaMagneto family);*
2. *Start the program chosen by following the specific instructions given in the user manual of the device;*
3. *Position yourself on the mat, paying attention to lie down on the side indicated as therapeutic by the specific label (the side where the connection cables come out).*

*Follow the Instructions given in the user manuals of the products of the MAG2000 or LaMagneto series.*

## Labeling

**Label 1**




**YYYY-MM**

**Month**

**Year**

***Symbols:***

| Symbol | Meaning |
|---|---|
| | Manufacturer's logo. |
| | In compliance with regulation (EU) no. 2017/745 |
| | Manufacturer data. |
| | Date of manufacture (YYYY-MM). |
| | Medical device |
| | Follow the instructions for use. |
| | WEEE directive for the disposal of electronic waste. |

| Symbol | Meaning |
|---|---|
|  | Type BF applied part. |
|  | Allowed temperatures (storage temperatures, on packaging). |
|  | Relative humidity (relative humidity of storage, on packaging). |
|  | Pay attention, danger. |
|  | Do not dry. |
|  | Do not iron. |
|  | Do not wash. |

## How to take care of Osteomat

### *Cleaning the Osteomat*

*To clean the Osteomat it is recommended to disconnect the mat from the device before carrying out any operation. Clean the fabric with a cloth dampened with simple water and neutral soap and wait for it to dry completely before reusing the mat for a therapy session.*

### *Transport and storage*

*There are no special care instructions for transport. For storage, the equipment is protected up to the following environmental conditions:*

| | |
|---|---|
| *room temperature* | *from +5 to +40 °C* |
| *relative humidity* | *from 15 to 93%* |

## *Information for disposal*

*The product is subject to the WEEE legislation (presence on the label of the symbol) relating to separate waste collection: to dispose of the product, use special areas equipped for the collection of electronic material by contacting the competent authorities of your country or the manufacturer directly.*

## *Support*

*The manufacturer is the sole entity authorized to provide technical support for the Osteomat therapeutic mat. Should you need technical support, please contact:*

**I.A.C.E.R. S.r.l.**

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## *Warranty*

*Osteomat is covered by a 2-year warranty starting from the date of purchase. The warranty shall lapse in case of tampering, neglect and inappropriate use of the mat and if any intervention is carried out by personnel not authorized by the manufacturer or by the authorized dealer.*

## *Incident reporting*

*In compliance with the provisions of Regulation (EU) 2017/745, the manufacturer places the need to report any serious accident in relation to the device to the attention of the user.*

*The report must be addressed:*

- *to the device manufacturer:*

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