

USER MANUAL

MNPG75-01 Edition 18/07/11

Magnetotherapy mattress

OSTEOMAT 2000

I.A.C.E.R. Srl

www.iacer.it www.itechmedicaldivision.com

I.A.C.E.R. Srl

Via S. Pertini 24/A – 30030

Martellago (VE) ITALY

Tel. +39 041 5401356 – Fax +39 041 5402684

e-mail: iacer@iacer.it

<http://www.itechmedicaldivision.com>

Summary

Summary 3

Introduction..... 4

Technical Specifications..... 4

Technical features 4

Sector detail 6

How to use 6

Quick use of Osteomat 2000..... 6

Maintenance..... 7

Cleaning 7

Assistance..... 7

Warranty..... 7

Introduction

OSTEOMAT 2000 is the new mattress for low frequency magnetotherapy treatments. This mattress has been realized to meet two important requirements: the longed therapy time and the need of whole 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 it needs treatment of whole skeletal architecture. Concerning this purpose the mattress allows the whole body treatment.

The new mattress **OSTEOMAT 2000** represents the ideal solution for whole body treatment in a single session thanks to its stackable structure and easy to use mode.

Technical Specifications

Technical features

- Single sector dimensions: 40x65 cm;
- Total mattress dimensions: 65x160 cm;
- 2 active sectors (3 solenoids for each sector, totally 6 solenoids);
- 2 passive sectors (without solenoids);
- 2 cables;
- Suitable for MAG2000 and MAG2000 PLUS models.

The mattress Osteomat 2000 is composed of 4 stackable sectors (2 active and 2 passive) linked with velcro straps in the horizontal dimension of each sector. In this way it's possible to change each sector position in order to treat a specific area.

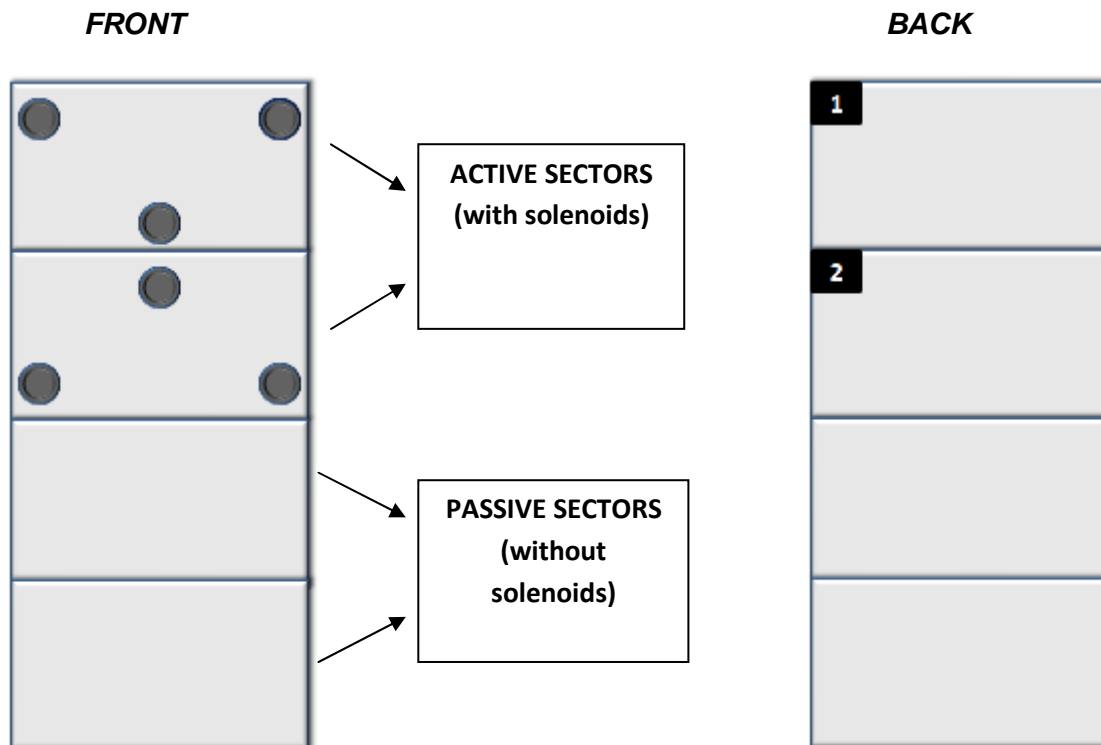
The two active sectors has 3 solenoids each one (totally 6 solenoids) and represent the therapeutic sectors; the two passive sectors allow to create a planar surface where patient can lie down.

The base configuration of Osteomat 2000 includes the following features:

- 2 passive sectors (without solenoids);
- 2 active sectors (3 solenoids for each sector, totally 6 solenoids);
- 2 cables.

The base configuration of Osteomat 2000 stimulates the body zones (shoulders, column, pelvis) that are more affected by bone mass reduction. This is typical of osteoporosis disease.

Please make reference to the following imagine to get solenoids disposal in the base configuration of Osteomat 2000.



Note: The active sectors have two different solenoids positions; therefore they are identified by **number 1** and **number 2** on back side (non-therapeutical side).

It's possible to change sectors position in according to needs given that the position of solenoids is well known.

Sector detail

Each sector has nine different positions where magnets can be inserted in order to create a 3x3 matrix. Here below you can see the graphic representation of each carpet internal structure of **OSTEOMAT 2000**. The structure consists of a 3x3 matrix (or grid) that allows the solenoids positioning according to therapeutic needs.



Attention: Solenoids base configuration is not adjustable by the user.

It's possible to adjust the base configuration of Osteomat 2000 by request. In this case please contact our assistance centre. (Phone number: 0039 041 5401356).

How to use

Quick use of Osteomat 2000

We recommend to read the following instructions for an easy and quick use of OSTEOMAT 2000:

1. Connect the mattress to the device (MAG2000 or MAG2000 PLUS) by connecting the applicator cables to the plugs (CH1-CH2) placed on device upper side;
2. Select the therapy program by following the instructions of the device user manual;
3. Lie down on the mattress and pay attention to not lie down on the side identified by NON THERAPEUTICAL label.

Attention: Do not adjust intensity higher than 50 if you use magnetotherapy mattress for prolonged treatments.

Cleaning

We recommend to disconnect Osteomat 2000 from the device before cleaning the mattress. Clean the tissue using a dampened cloth with water and mild soap and wait for the complete drying before using the applicator.

Assistance

Every intervention on the applicator must be performed by manufacturer. For any assistance intervention contact the National Distributor or the manufacturer at the following address:

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

Via S. Pertini, 24/a • 30030 Martellago (VE)

Tel. +39 041.5401356 • Fax +39 041.5402684

Warranty

Make reference to the national laws for any warranty conditions by contacting the national distributor (or directly the manufacturer IACER).

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

Sede operativa:

30030 Martellago (VE) - Via. S. Pertini 24/A
Tel +39 041 5401356 - Fax +39 041 5402684

Sede legale:

S. Marco 2757 - 30124 Venezia
Cod. Fisc./P.IVA IT 00185480274
R.E.A. VEN. 120250 - M. VE001767
Cap.Soc. € 110.000,00 i.v.
www.iacer.ve.it - iacer@iacer.it