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LOW TENSION AND EMC DIRECTIVES

# User's Manual

for performing treatments

# MN-8000

How to make your  
device work



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# MN-8000

## User's Manual for performing treatments

### GENERAL INSTRUCTIONS

BEFORE USING THE DEVICE, READ THE INSTRUCTIONS ATTENTIVELY. KEEP THE MANUAL FOR FUTURE CONSULTING.

THE MN 8000 forms a professional heating method for sweat therapy. This device has to be used exclusively for what it has been designed for.

When you receive the merchandise, please verify whether it has suffered damage and whether all the components are complete and in good conditions. Before any doubt do not use the device and verify if the damage may be caused by an incorrect manipulation during transport. Should this be the case, contact the distributor within 24 hours after reception in order to be able to hold the transport agency responsible for the quality of the product.

Before connecting the device, verify whether all the data printed on the device's label correspond to the characteristics of the electric network. It is not possible to change the input tension of the device. If the tension is not correct, contact your distributor and do not try to connect the device.

When the device is working, qualified personnel needs to be present at all time.





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## TECHNICAL CHARACTERISTICS

### MN 8000 is composed by:

- A central command device (control unit)
- A bag divided into three independent areas.
- 3 internal sections with removable thermo-heating parts .
- One input cable.
- A cushion for the client's comfort.

#### *Optional:*

- *Facial mask for thermoheating.*

### Control Unit:

- Primary input: 230V
- Secondary input: 24V
- 50 Hz
- Alternating current ~
- Class II device

### Bag divided into three independent areas:

Material: 25% polyester – 25% expansion  
50% polyurethane/vinyl

Size: Closed approx. 2.000 x 700 mm  
Opened approx. 2.000 x 1.600 mm



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### Removable thermoheating blanket 24V:

Material: Interior 100% polyester  
Exterior 100% vinyl

Size: approx. 1.500 x 580 mm  
24 V ~ 50 Hz 100 W

Continuous regulation through a sensor inserted into the resistance.

**This product has been manufactured conform the EC standards: 89/336/CEE (Electromagnetical compatibility), 73/23/CEE (Low tension, electrical security).**

# CONTROL UNIT











### DESCRIPTION OF THE COMMANDS (FRONTAL):

1. Start
2. Stop
3. Increasing temperature in the indicated body areas:
  1. Lower legs.
  2. Hips and abdomen.
  3. Chest.
4. Decreasing temperature in the indicated body areas:
  1. Lower legs.
  2. Hips and abdomen.
  3. Chest
5. Selection of the programs offered by the device.
6. Increasing time (minutes).
7. Decreasing time (minutes).
8. Reset (clear).

### DESCRIPTION OF THE COMMANDS (HINDSIGHT):

9. Connectors for the corporal thermoheating sections (interior, middle and upper subsection).
10. ON/OFF Button.
11. Network cable

# MEANING OF THE SYMBOLS ON THE DISPLAY

SYMBOL	POSITIONNING	MEANING
	First line of the display	ARROW: STAND BY
	First line of the display	TWO ROWS OF SCORES: MAINTENANCE: The MN-8000 remains warm at a temperature of approx. 30 <sup>a</sup> C
	First line of the display	FIGURE OF A USER: Body treatment initiated
	Last line of the display	EXCLAMATION MARK: Pause to modify the programmed time and temperature
	Last line of the display	TRIANGLE: Visualisation of the programmed temperature level
	Last line of the display	BLINKING EMPTY RECTANGLE: temperature level that is about to be reached
	Last line of the display	STEADY FILLED RECTANGLE: programmed temperature level has been reached
	Last line of the display	SCORE: The programmed temperature level is zero. DOES NOT HEAT.

# INSTALLATION

# PREFUNCTIONNING

The installation must be performed according to the instructions detailed below. An installation error can cause damages to persons, animals or objects, for which the manufacturer can not be held responsible.

The installation requires the following connection between the different parts of the device:

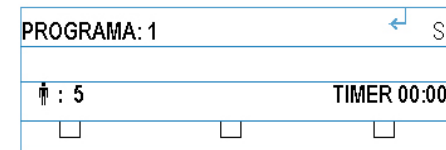
1. Put the MN-8000 on the bed as described in Fig. 1.
2. Connect the 3 body thermoheating subsections (9) to the working console.
3. Connect the input cable to the working console (11) and the socket.

After performing these operations, the sauna bag MN 8000 is ready for use.

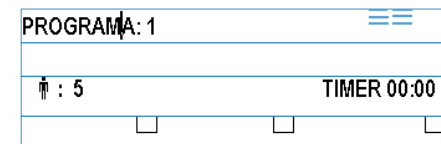


Fig. 1

1. Start up the device by turning the general switch to position ON (10). The following screen will pull up which will help you program the device.



2. Push the START button (1) one time. After approx. 3 minutes, the device will enter in state of MAINTENANCE (minimum potency, only one cursor programmed).



**N.B. The state of MAINTENANCE is indicated by the following figure (≡ ≡), which will appear on the first line instead of the figure (←) S.**



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### INSTALLATION

### PREFUNCTIONING

**NB:** During this phase, the temperature reaches 30°C and this temperature will be maintained all day long.  
The system allows you to always have an activated device at your disposal so you can start a new treatment at any moment. During maintenance, the energy use decreases from an average of 100W during the treatment phase to a mere 18W per thermoheating subsection, thusly saving energy.

NOTES



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## FUNCTIONING

### 1. Program selection

The device allows to choose between 10 programs (between 0 and 9). These programs can be freely reconfigured in treatment duration as well as temperature level.

The program selection can be started up by repeatedly pressing the PROG button (5). Once you have selected the appropriate treatment, you can proceed to its personalization (time and temperature), as described further on.

### 2. Programming the potency level (temperature).

Once you've selected the appropriate programme it is possible to program the potency level.

Select the desired temperature level for each of the thermoheating subsections (Min. 0 Max.5) with the help of the buttons +/- (3/4) situated on the display. Press these buttons and the cursors of the fourth line will disappear (■) and arrows will show up (▶). Once the temperature level of each thermoheating subsection has been programmed, the cursors will automatically re-appear (■) instead of the arrows(▶).

The arrows indicate the programmed level of potency. At any moment during the treatment it is possible to control the level of potency selected previously by simply pressing the buttons +/- (3/4).

It is possible to exclude one or more thermoheating subsections from the treatment by repeatedly pressing the corresponding buttons for decrease (4) until a score shows up (—).





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# FUNCTIONING

### Select the temperature level:

( — ): Temperature of the non-activated blanket (without heating).

(▶): Level 1. Minimum (MAINTENANCE or WAITING MODE).

(▶▶): Level 2.

(▶▶▶): Level 3.

(▶▶▶▶): Level 4.

(▶▶▶▶▶): Level 5. Maxim.

### 3. Programming the Timer:

**BODY:** The time can be programmed by pressing the time buttons ( 6 ) and ( 7 ). The timer can be programmed upto a maximum of 60 minutes.





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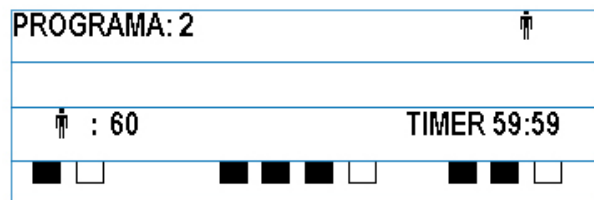
## FUNCTIONING

## INDICATIONS

### 4. Start the treatment:

Once all the parameters have been introduced, the treatment can be started by pressing the start button (1). The timer, indicating minutes and seconds, will start counting back immediately, showing the time left until the end of the treatment.

When the treatment time has come to an end, an acoustic signal will warn the user that the treatment has finished. MN 8000 will automatically disconnect, returning to the temperature maintenance mode, prepared to start a new treatment.



### Indication of the temperature level during the treatment

Thanks to the indications visible on the display, the user is constantly being informed about the level of potency and, consequently, about the temperature in each sector. The 'filled' steady cursor (■) indicates the desired level has been reached. The 'empty' blinking cursor ( ) indicates the programmed level of temperature is in process of being reached.

At the end of each session, the device AUTOMATICALLY adopts a MAINTENANCE level, equivalent to the first level.

### Visualisation/modification/interruption of the treatment

During the treatment, it is possible to VISUALISE the previously made programming, by pressing one of the buttons +/- (3/4).

If you need to MODIFY THE PARAMETERS (temperature/ time), press the STOP button (2). On the first line of the display, an exclamation mark (!) will appear instead of the treatment icon (■). Modify the temperature with the button +/- (3/4) and the time with the button (6/7). In order to restart the treatment, press the START button (1).



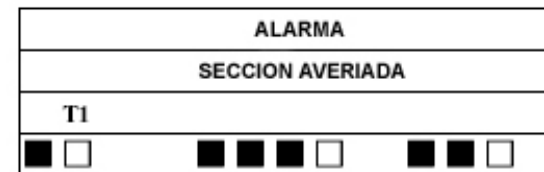
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# INDICATIONS

If on the contrary you wish to DEFINITELY INTERRUPT the treatment, you only need to press the CLEAR button (8). The treatment icons will automatically disappear, the timer will set to zero and the device will enter into the MAINTENANCE mode.

### Alarm signal

The device can detect any kind of error in the treatment sections, whether it's a stop, a short-circuit or a lack of input. If any of these problems occur, an acoustic alarm will be activated in order to report the problem and on the display an alarm screen will pull up indicating the defectuous thermosteccion.



In order to leave the alarm screen, press the CLEAR button(8). When the main menu shows up again, it is already possible to replace the defectuous subsection (press the button to decrease the temperature of the outlet until the score appears). Press START(1) in order to restart the treatment.



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# PROGRAMS

The MN 8000 programs allow for a more personalized and multiple selection of the treatment options. They are detailed in the tabel below. In this table have been included parameters such as treatment type, duration time, the temperature to be reached, the symbol shown on the screen identifying the treatment, etc.

### Identification of the programs:

Program **1** is **MAINTENANCE**. It is a transition program that allows to have your device ready for treatment all day long.

Program **2** is a TONNIFYING corporal program (**RELAXATION**) with an average duration of 30 minutes during which it increases the body temperature in a pleasant way.

Program **3** is a TONNIFYING corporal treatment program (**RELAXATION**) with a short duration. It is indicated as preparation before other electrostimulation treatments.

Program **4** is a **long INTENSE SWEATING** program for the entire body. We recommend combining it with the use of lypolitic products like mud or algas since it helps to degrade the localized greases.

Program **5** is a **short INTENSE SWEATING** program for the entire body. We recommend its use for adiposities in specific areas. It is the reduced version of program 4, ideal for persons who only want 20 minutes of treatment.

Program **6** is a **MODERATE SWEATING** program of **short** duration, for those persons with a heat tolerance, lower than the temperatures obtained with programs 4 and 5.

Program **7** is a **long INTENSE SWEATING** program, concentrating the action of the external temperature in the ABDOMEN and CHEST areas.

Program **8** is a **short INTENSE SWEATING** programme, concentrating the action of the external temperature on the ABDOMEN and BUST area.

Programme **9** is a **long MODERATE SWEATING** programme for those persons with problems in the ABDOMEN and the THIGHS.

Programme **0** is **short MODERATE SWEATING** programme for those persons with aesthetic problems concentrated in the ABDOMEN.



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Once the programmed time has come to an end, MN-8000 does not shut down, it automatically enters in the MAINTENANCE phase, that is, in program 1 (approx. 30°C). Thanks to this system your device is always ready for a new treatment.

# MN-8000

## User's Manual for performing treatments

\*Temperature tested with an environmental temperature of approx. 20°C.

Progr.	Treatment	Time (min).	Temperature*	Symbol	Graphic indication of the temperature in each subsection: Inferior, middle and superior part			Treatment
1	STAND BY	5	30°		■	■	■	MODE HOLD (MAINTENANCE)
2	CORPORAL	30	37°		■■	■■	■■	TONNIFYING1
3	CORPORAL	20	35°		■■	■■	■■	TONNIFYING 2
4	CORPORAL	40	58°		■■■■■	■■■■■	■■■■■	FULL BODY 1 Long
5	CORPORAL	30	58°		■■■■■	■■■■■	■■■■■	FULL BODY 2 Short
6	CORPORAL	30	47°		■■■	■■■	■■■	FULL BODY 3 Short Light
7	CORPORAL	40	52°		■■■	■■■■■	■■■■■	ABDOMEN/ CHEST 1 Long
8	CORPORAL	30	52°		■■■	■■■■■	■■■■■	ABDOMEN/ CHEST 2 Short
9	CORPORAL	30	50°		■■■■■	■■■■■	■■■	ABDOMEN/ LEGS
0	CORPORAL	20	43°		■■	■■■■■	■■	ABDOMEN



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### ATTENTION: CORRECT USE

### CLEANING

#### WARNINGS FOR A CORRECT USE OF THE DEVICE

1. The sauna blanket MN-8000 CAN NEVER BE FOLDED when functioning or when it's warm. **Do not ever fold the sweating blanket and do not ever put weight on top of it**, no matter if it is functioning or not, in order to avoid short-circuits and irreparable damages.
2. When the blanket is functioning, verify if the interior pannels of the bag are correctly extended, without folds. Also verify whether the blanket is correctly positionned on the bed, avoiding the blanket getting punched by the movable parts of the bed.
3. If you like the blanket to stay lukewarm and ready for the next treatment, you can leave the device turned on, following the next instructions:
  1. Make sure the MN-8000 is well spread on the surface of the bed. It can not be folded anywhere!!
  2. Make sure the temperature of the three areas has been programmed at Minimum Level (Level 1, only one cursor programmed ► ): see *"Functioning: Programming the level of potency"*.

**Before doing any cleaning or maintenance, put the temperature control at zero and disconnect the device from the general power network.**

In order to guarantee a maximum efficiency and durability of your heating blanket, it is necessary to be as carefull as possible when cleaning it. Use a moist cloth with diluted alcohol to take out stains. **DO NOT USE DETERGENTS OR CHEMICAL PRODUCTS.**

We suggest you wrap your client in disposable plastic blankets before starting the treatment, thusly assuring your client a maximum of hygiene and your MN-8000 a larger durability.



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### ATTENTION: IMPORTANT INFORMATION

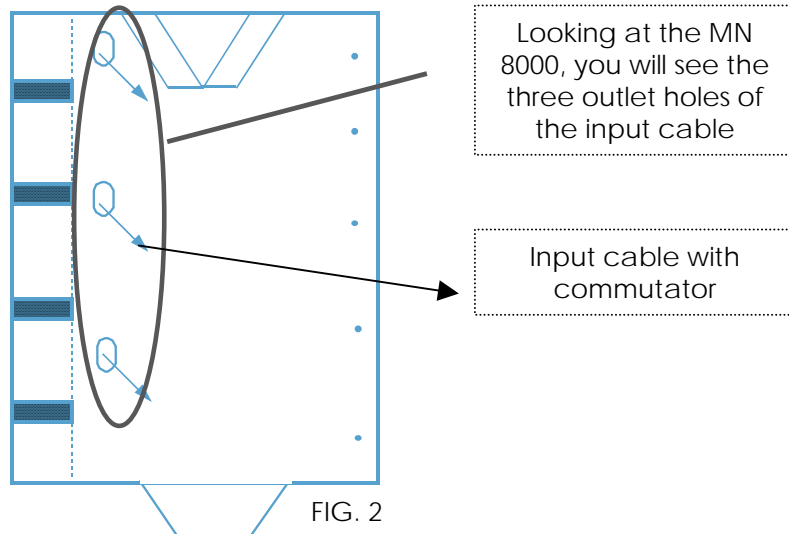
- This device must be used exclusively as a professional beauty sauna blanket. Any other use has to be considered inappropriate and, consequently, dangerous. The manufacturer cannot be held responsible for possible damages inflicted upon persons, animals or objects, as a consequence of an inappropriate, wrong or irrational use.
- Do not open or do not force the device or its accessories. For any repairs, contact the technical service. Failure to respect this warning may compromise the device's security.
- Do not use the MN 8000 on ill persons or persons insensible to heat or on children.
- The working console will warm up because of the natural thermic dissipation of the components. Avoid obstructing the ventilation of the device.
- Do not ever touch the working console or the sockets with wet or moist hands.
- Do not ever pull the network cable in order to disconnect the device from the plug.
- Never leave the device exposed to extreme environmental conditions (rain, sun, ...)

- Never introduce sharp objects, such as needles, files,... into the blanket
- Always take the electrical connection cable out of the power plug before assembling, installing, cleaning or repairing the device.
- Do not ever immerse the device in water. In case something liquid accidentally penetrates the device, do not turn on the device and immediately contact the technical department.
- It is forbidden to remove the label situated on the cover indicating the serial number. Failure to observe this instruction will automatically nullify the warranty.
- At the end of the working day, please verify whether the device has been switched off (OFF) and whether the network cable has been disconnected from the electricity network.
- Take into account that the perception of warmth may vary in function of the body constants. This means the perception of warmth will differ whether it is winter or summer.
- We recommend using a voltage regulator in order to assure a correct and constant electrical current supply.

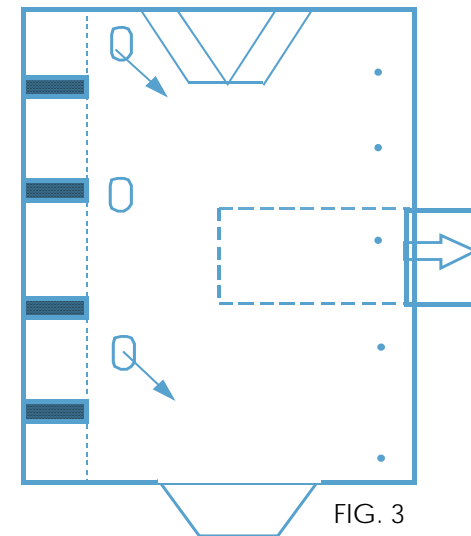
# REPLACEMENT OF THE REMOVABLE SUBSECTIONS

In case of replacement of the removable subsections of the MN-8000, we hereby explain the procedure to follow:

1. Switch off the MN-8000, by turning the commutators to zero.
2. Disconnect the three plugs from the current supply.
3. Spread out the MN-8000 on a flat surface, as indicated in Figure 2.



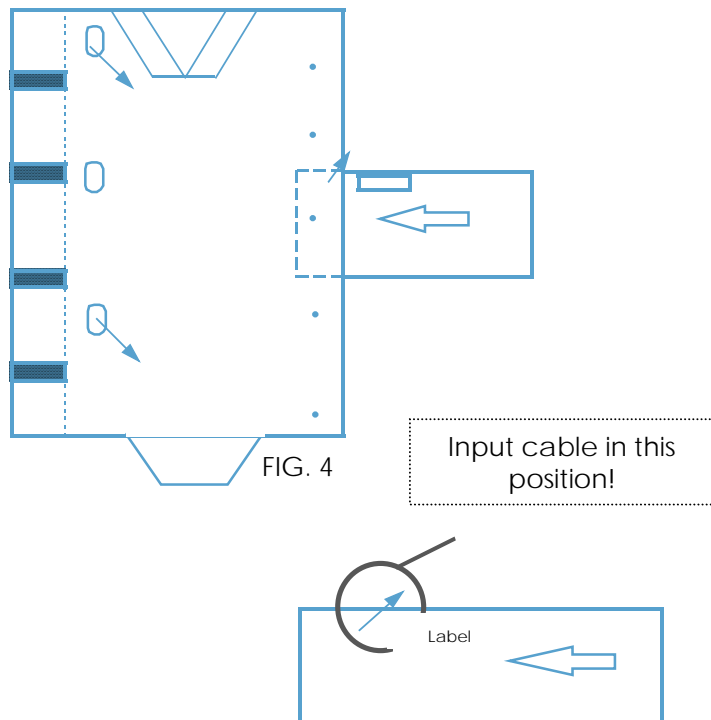
5. Slip the input cable in the defectuous subsection in the bag's interior through the lining.
6. Remove the heating subsection that needs to be replaced. Figure 3.



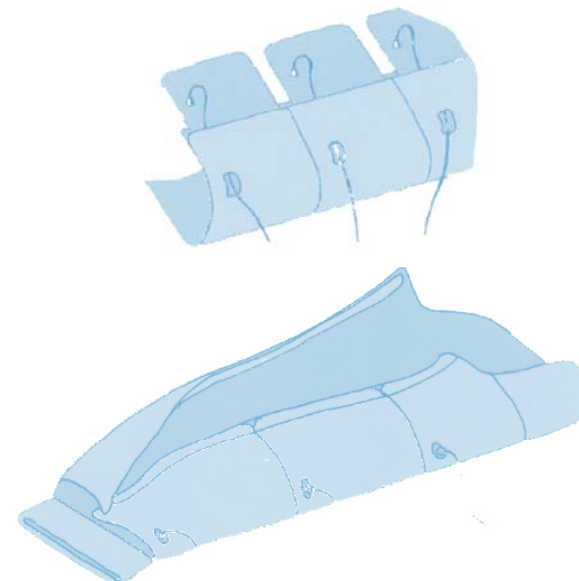


# REPLACEMENT OF THE REMOVABLE SUBSECTIONS

7. Take the new heating subsection and position it as shown in Figure 4. (When looking at the blanket, you must see the outlet of the input cable and the labels).



8. Insert the subsection, with the input cabling dangling out of the lining. **IMPORTANT: MAKE SURE THE SUBSECTION IS FOLDED OUT WELL INSIDE THE BAG. UNDER NO CIRCUMSTANCES THE SUBSECTION SHOULD BE FOLDED.**
9. Close the back with the corresponding button and turn the MN-8000 around so it can be used.





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# WARRANTY

The **warranty** is valid during a period of two years starting from the date of purchase and applies to the product and all of its components. The purchase date on the invoice bill counts as starting date.

The warranty covers the free of charge repair of all damaged parts or defects pre-existing to the purchase date of the sauna blanket.

**The warranty does not cover:**

- Irregularities in the functioning or defects derived from an incorrect electrical installation.
- Deteriorations or damages produced as the consequence of an installation differing from the one indicated in the present instruction manual.
- Defects derived from the fact that the product has been used with or has been connected to accessories different from the ones subministrated by the manufacturer together with the device or different from the ones that have been officially authorized.
- Theft, falls, extreme thermal or environmental conditions.
- Modifications, connections, opening up or repairs performed by non-authorized personnel.
- Natural wear and tear because of the use of the product.
- Devices of which the serial number has been removed, has become illegible, altered, whiped out or changed.

The manufacturer cannot be held responsible for damages caused to objects or persons as the consequence of the failure to observe the detailed warnings and user's instructions.

Possible changes: no changes may be made without the manufacturer's previous authorization. After receiving the damaged device, the product will be revised before accepting the apply of the warranty. The merchandise must be send in free port.

The warranty is only valid if the product is sent with the present document, which has to be signed and filled out by distributing company, and with a fiscal document confirming the date of purchase.

Any controversy that may occur, falls under the exclusive competence of the spanish judicial authority.

<u>Buyer</u>		<u>Distributor's stamp</u>
<u>Date of Purchase</u>	<u>Serial N°</u>	



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# DECLARATION OF CONFORMITY

DECLARACIÓN DE CONFORMIDAD  
DECLARATION OF CONFORMITY  
DECLARATION DE CONFORMITÉ  
89/336/CEE  
73/23/CEE

MARZO 2005  
MARCH 2005  
MARS 2005



Electroestética & Análisis



**Nombre del Fabricante:** *BIOINSIDE INVESTIGACIÓN Y TECNOLOGÍA, S.L.*  
*Manufacturer's name:*  
Nom du fabricant :

**Dirección del Fabricante:** *Sant Martí de l'Erm, 22*  
*Manufacturer's address:*  
Adresse du fabricant : *E 08970 - Sant Joan Despí*  
*BARCELONA - SPAIN*

**Declara que el producto:** *Electrocosmético*  
*Declares that the product:* *Electrocosmetic*  
*Déclare que le produit :* *Electro-cosmétique*

**Nombre del producto:** *MIN 8000*  
*Name of the product:*  
Nom du produit :

**Marca:** *EMA*  
Brand:  
Marque :

**Cumple con la normativa:** *EN 55014 (1994)*  
*Complies with the norm:* *EN 55104 (1995)*  
*Est conforme à la norme :* *EN 61000-3-2 (1995)*  
*EN 61000-3-3 (1995)*  
*CEI 62-39 (1992)*

**Y por lo tanto responde a los requisitos esenciales de la Directiva:**  
*And therefore complies with the essential requirements of the Directive:*  
*Et ce pour quoi accomplit les conditions essentielles de la Directive:*

DIRECTIVA 89/336/CEE (Compatibilidad Electromagnética)  
DIRECTIVA 73/23/CEE (Baja tensión - Seguridad eléctrica)

## Manufacturer's suggestion:

We value your opinion. Please send us your comments and suggestions so we can offer you a better service. You can contact us by sending your letters to the following address:

**Bioinside Investigación y Tecnología, S.L.**  
Sant Martí de l'Erm, 22  
Polígono Industrial Font Santa  
08970 Sant Joan Despí  
Barcelona  
España

National tel.: 93 477 42 62  
International tel.: + 34 93 477 42 63  
E-mail: info@ema.es



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# MN-8000

## User's Manual

for performing treatments

## GET INFORMED ABOUT OUR NOVELTIES

**WE ARE ALWAYS AT OUR CLIENTS SERVICE AND WE WILL ALWAYS TRY TO HELP YOU**

1. BEFORE ANY DOUBT, PLEASE CONTACT US. NO MATTER IF IT'S A TECHNICAL QUESTION REGARDING THE USE OF THE DEVICE OR ANY OTHER QUESTION ABOUT HOW TO PERFORM TREATMENTS.
2. WE CONSTANTLY OFFER FORMATION AT OUR PREMISES AND WE CAN HELP YOU AMPLIFY YOUR KNOWLEDGE AND WE CAN HELP YOU TO DOMINATE THE TREATMENT TECHNIQUES WITH EASE. ASK ABOUT OUR FORMATION CALENDAR.

## EMA

Bioinside Investigación y Tecnología, S.L.  
Polígono Industrial Font Santa  
Sant Martí de l'Erm, 22  
08970 Sant Joan Despí  
Barcelona (España)

**Tel. 902.31.51.71**

info@ema.es