

FARMA INFRA LIGHT



USER'S MANUAL
Infrared lamp for home use

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MEDICAL DEVICE EQUIPPED WITH INFRARED RAYS (IR)

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SPECIFICATIONS

Voltage AC 220V, 50-60Hz
Power consumption: 240W
Timer: 1-60 minutes
Size: 28x32x80 cm
Weight: 2,6 kg

MAIN FEATURES

Simple adjustment
Easy to operate
Simple design

CLASSIFICATION

According to Standard EN 60601-1 : CLASS I TYPE B

According to Directive CEE 93/42 : CLASS IIa

APPLICATIONS:

Use in orthopedic field: treatment of arthritis, lumbago, rheumatism, sprains, and generally where a penetrating heat source is needed.

Use in physiotherapy field: massage preparation and body heating for a better absorption of creams by the skin.

Heating: in cold rooms it's possible to obtain an immediate heating for the irradiated person.

FOR THE USE OF THIS DEVICE IT'S NECESSARY TO FOLLOW CAREFULLY THE DOCTOR'S INSTRUCTIONS ABOUT EXPOSITION TIMES, APPLICATION DISTANCE AND FREQUENCY

Control panel



OPERATION

Turn on the device with the switch key, adjust intensity and timer with the knobs on the control panel.

NOTICES FOR TRANSPORT AND STORAGE -

During the transport it's necessary to avoid shocks on the packaging containing the IR lamps.

In case of damaged packaging it's necessary to check the functioning of the timer and the integrity of the IR bulbs.

During operation, transport and storage it's necessary to respect the following values:

OPERATION CONDITIONS - temperature : 0°C-30°C

- relative humidity : 10-80%

- atmospheric pressure : 500-1060 hPa

TRANSPORT CONDITIONS - temperature : -20°C-60°C

- relative humidity : 10-80%

- atmospheric pressure : 500-1060 hPa

STORAGE CONDITIONS - temperature : -20°C-60°C

- relative humidity : 10-80%

- atmospheric pressure : 500-1060 hPa

MEANING OF THE LABELLING SYMBOLS

= Non ionizing radiations

= Warning, read the enclosed documents

0051 = CE conformity mark = Device type B (Standard EN 60601-1)

SERIAL NUMBER CODIFICATION – The five figures (XXYYY) which compose the serial number of the device have the following mean:

- The first two figures represent the year of production

- The following three figures represent the serial number

DIRECTIONS FOR USE AND NOTICES

The times and frequency of application, the distance from the device and the global duration of the treatment must be determined by the doctor and may change from person to person.

The distance of application must be set according to a normal endurance of the produced heat by the person subjected to the treatment. Anyway the minimum application distance is 50 cm.

During the exposition don't wear clothes that could reduce the efficiency of the treatment and could create the danger of self-burning.

After the treatment don't expose the person to air currents or changes of temperature.

Orientatively you can consider the following directions for use:

Infrared rays: they used for the treatment arthritis, lumbago, rheumatisms, and sprain.

Applications of 10/15 minutes per day at a minimum distance of 50 cm. Use the protective goggles.

Dangerousness connected to the utilization of these burners is mainly due to:

HEAT ABSORPTION BY THE EYE

Extremely high irradiation power, in every wavelength, causes damages to the human eye due to the absorption of the developed heat; with time (years or some decades), it can make muddy the optical lens.

In order to avoid these damages and according to the total emitted energy by the burner and to the percentage of short waves, the utilizer of these instruments has to shield the burners or to employ a personal protection for the eyes (IR protection filter according to DIN EN 171)

HEAT DEVELOPEMENT IN THE PRESENCE OF INFLAMMABLES

The danger connected to IR employment can originate from its use in the presence of inflammables or explosive atmosphere.

BESIDES THESE PRECAUTIONS, WE RECOMMEND YOU TO READ CAREFULLY THE IR SAFETY CARD ENCLOSED WITH THE DEVICE. EVERY UTILIZER OF THIS DEVICE MUST BE INFORMED ABOUT THESE DIRECTIONS, WHICH MUST BE ALWAYS KEPT ATTACHED TO THE DEVICE.

USE BY HANDICAP HOLDERS, AGED AND CHILDREN: It's necessary the assistance by an operator who knows the functioning and the dangers of the use of this device.

The device mustn't be utilized by blind operators.

KEEP OUT THIS DEVICE FROM CHILDRENS' REACH

BREAKDOWNS AND REPAIRS IMPLEMENTABLE BY NO-SPECIALIZED PERSONS.

For safety reasons for every maintenance operation it's necessary to disconnect the cable plug to the network socket.

1° CASE: After inserting the cable plug into the network socket, the green circle warning light (Fig.2 n.3) does not turn on.

Repair: turn in clock-wise sense both timers and then check if the IR emitters ignite.

In case of ignition, call a specialized reparator for the green warning light replacement.

In case of no ignition, check the wall socket; if it's functioning check the efficiency of the two fuses placed into the socket block back side of the lamp. If they are interrupted, replace them with new fuses proceeding as following described. If the fuses are correctly operating, call a specialized technician;

2° CASE: Inserting the cable plug into the network socket, the green warning light turns on, but, after having turned both timers and pressed the ON/OFF switches, there isn't the ignition:

☒☒of all the three IR emitters: call a specialized technician.

☒☒one or two IR emitters: check if the correspondent switches are on the "ON" position and their green light is ignited.

If so, before replacing the bulbs, verify that they are correctly screwed in their lamp holder (for the control and replacement of the bulb proceed as following described).

MAINTENANCE - IR EMITTERS CLEANING

Frequency of operation: every three months or before, if you see an opacization of the IR bulbs for dust deposits.

Dust deposits reduce a lot the IR irradiation intensity.

Procedure: be sure to have disconnected the cable plug from the current socket and that the device is cold. Remove the closing bracket and extract the protective grid. With a damp cloth clean IR bulbs. Place the grid again.

DON'T USE SOLVENTS PAINTED PARTS AND WHEELS CLEANING

Frequency of operation: every three months.

Procedure : clean the painted parts with a damp cloth or a cloth imbuted with alcohol. Don't use solvents.

Remove from the wheels eventual materials (dirtiness, hairs, etc..) embedded in the pins.

CHECK OF THE INSIDE WIRING STATE

Frequency of operation: every 12 months BY SPECIALIZED REPAIRATORS.

AFTER SALE SERVICE AND TECHNICAL ASSISTANCE

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