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**Italiano / English**

## **MANUALE ISTRUZIONI / USER MANUAL**

**DELLA POLTRONA / OF THE CHAIR**

# **OTO P/V PROFESSIONAL**

/

# **OTO P/V ELEGANCE**



|                                                                                     |                                                                                                                                                                  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Leggere il presente manuale prima di utilizzare la poltrona.</b></p> <p><b>The user must read the whole of this manual before operating the chair.</b></p> |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|

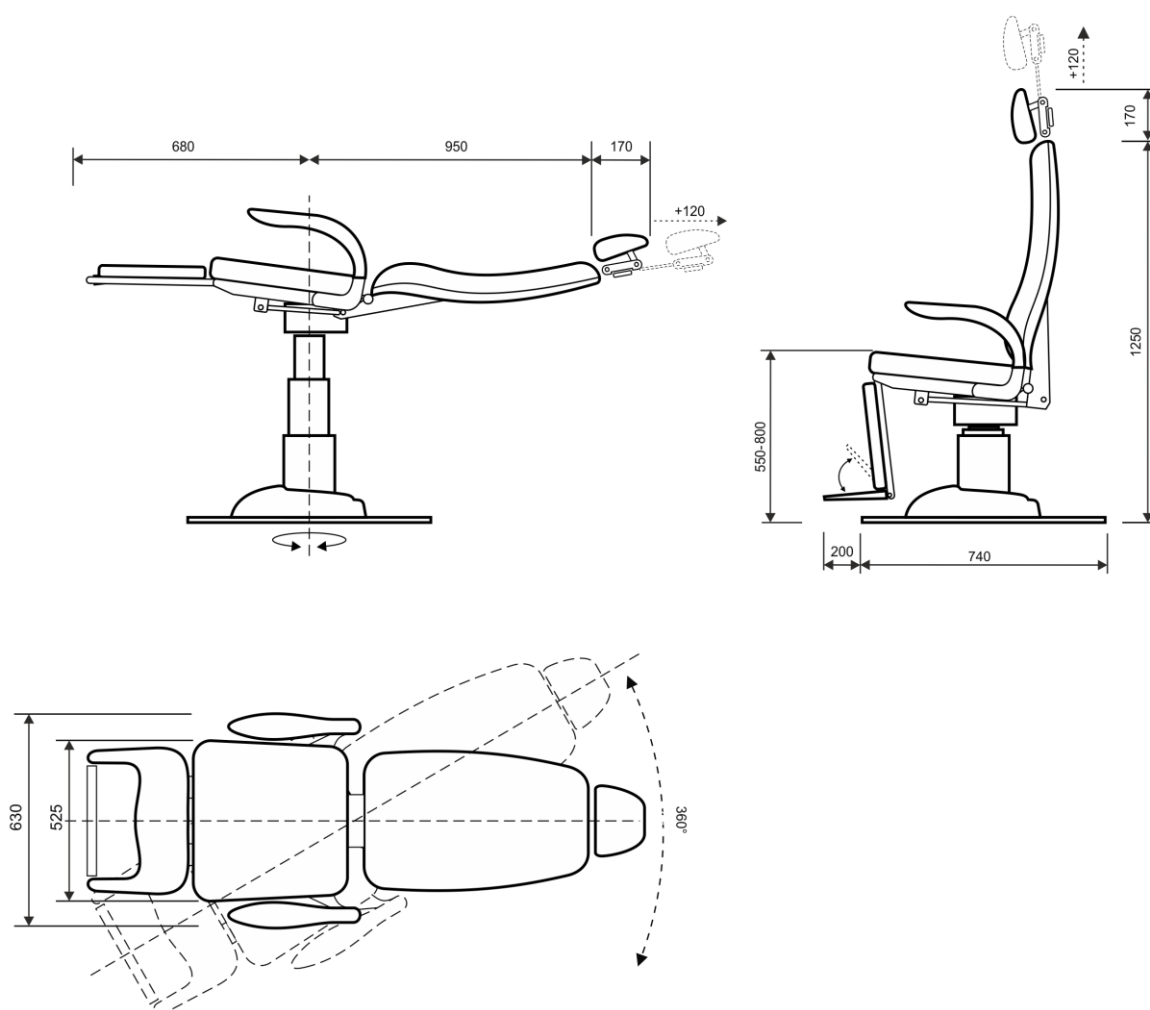
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| <b>VERSIONE</b><br><b>VERSION</b><br>N.07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>REDATTO</b><br><b>drawn up by</b><br><i>Eng. Francesco Marrone</i> | <b>DATA</b><br><b>date</b><br>07-04-2026 | <b>APPROVATO</b><br><b>Approved by</b><br><i>DO Alex Casella</i> | <b>DATA</b><br><b>date</b><br>07-04-2026 |
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## CARATTERISTICHE TECNICHE/TECHNICAL FEATURES

### ➤ OTO PV PROFESSIONAL:

|                                                                                  |                          |
|----------------------------------------------------------------------------------|--------------------------|
| Tensione di alimentazione/Power supply tension/Tension d'alimentation électrique | 230 Vac +/-10%- 50/60 Hz |
| Movimento a colonna bassa tensione/Low tension Column motor                      | 24 Vdc                   |
| Spinta Colonna sollevamento/Lifting motor push                                   | 2000 N                   |
| Spinta molla a gas schienale/Gas spring Backrest push                            | 600 N                    |
| Capacità Max di sollevamento/Lifting Capacity                                    | 180 Kg                   |
| Potenza assorbita/Absorbed power                                                 | 145 VA                   |
| Peso della poltrona/Chair weight                                                 | 60 Kg                    |
| Lunghezza basamento/Base length                                                  | 740 mm                   |
| Massima altezza al gambale/Maximum legrest height                                | 800 mm                   |

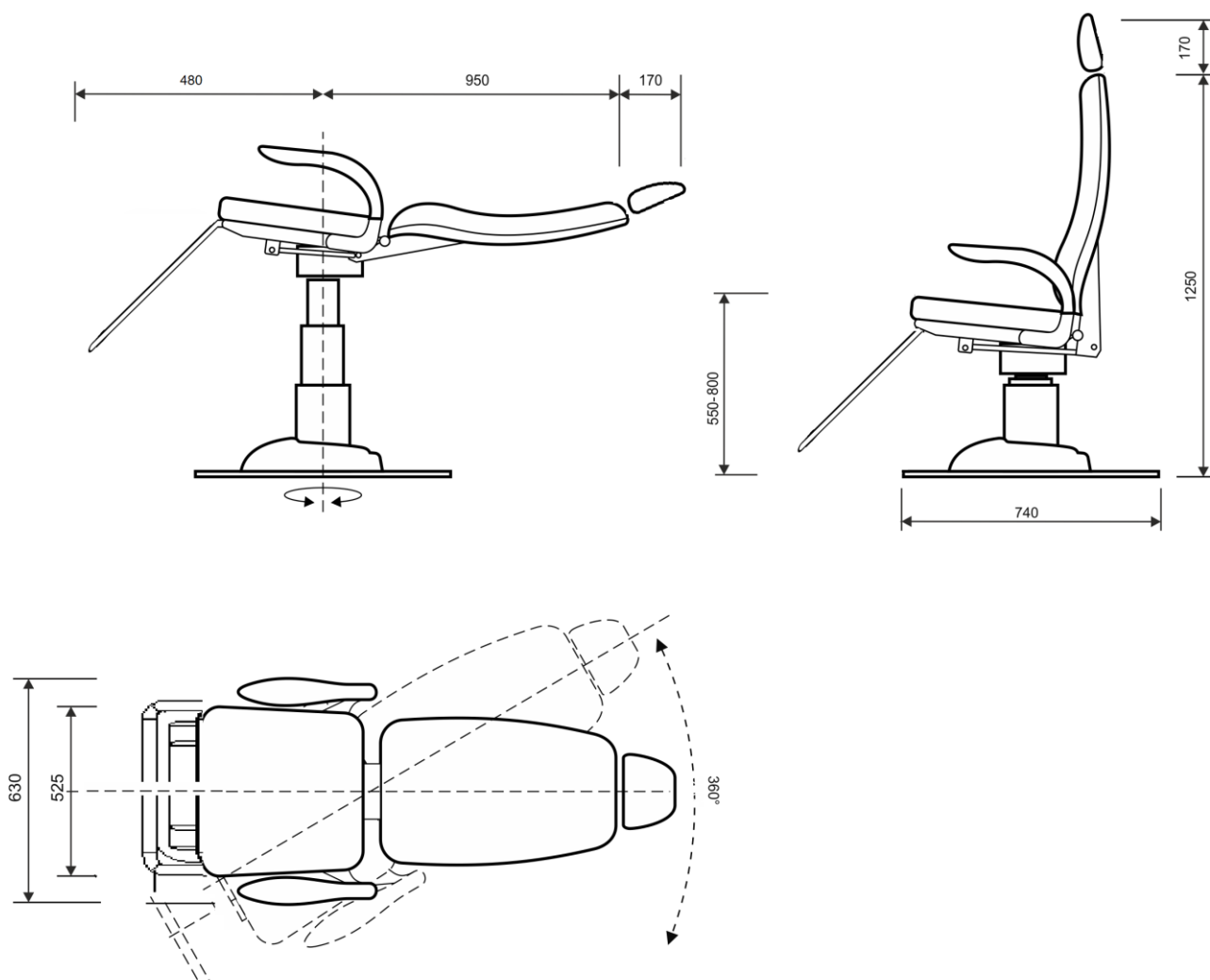


**NOTE: The measurements in these drawings are in millimeter!**

|                                                                                                                                   |                                                             |                                                                |
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## ➤ OTO PV ELEGANCE:

|                                                        |                |
|--------------------------------------------------------|----------------|
| Tensione di alimentazione/Power supply tension         | 230 V-50/60 Hz |
| Movimento a colonna bassa tensione/Low tension coloumn | 24 Vdc         |
| Spinta sollevamento/Lifting motor push                 | 2000 N         |
| Spinta schienale/Backrest push                         | 600 N          |
| Capacità Max di sollevamento/Lifting Capacity          | 180 Kg         |
| Potenza assorbita/Absorbed power                       | 145 VA         |
| Peso della poltrona/Chair weight                       | 60 Kg          |
| Lunghezza basamento/Base leght                         | 740 mm         |
| Massima altezza della seduta/Maximum seat height       | 800 mm         |



**NOTE: The measurements in these drawings are in millimeter!**

**ENGLISH**

The following instructions describe all OTO P/V chairs versions and all possible accessories, and, because of this reason, not all paragraphs could be applied to your specific chair.

Medi-Care Solutions will supply to authorised technicians all information that could be necessary for installation and repair.

The reproduction, storage and transmission in any form of this publication without written authorization by Medi-Care Solutions is prohibited.

All kind of information, technical specifications and pictures, which you will find in the following pages, are not binding.

Medi-Care Solutions reserves itself the right to make modifications and make technical improvements without modifying the following instructions.

Original text of this manual is in Italian and English language.

**IMPORTANT DIRECTIONS!**

- We suggest to disconnect power supply from socket before leaving outpatients department.
- This chair is not protected against fluids penetration (IP20 GRADE).
- Do not use this equipment in presence of inflammable anaesthetic gas mixture with oxygen and proto-oxide azotes and in operating rooms.
- **Warning!** In the event of a serious accident occurring in relation to the device, it is necessary to report to the Manufacturer and the competent authority of your country

- With regard to patients with cardio-stimulator or hearing prosthesis, please consider possible effects of used instruments on cardio-stimulator on hearing prosthesis. In this connection, please, kindly pay attention to technical-scientific literature about this subject.
- The equipment have been protected for continuous working with intermittent load. You will find prescribed working and rest times listed below: **Working: 2 minute / Rest: 10 minutes**
- Medi-Care Solutions guarantees about security, reliability and performances of its equipment.
- Warranty is conditioned by the following indications respect:
  - Observance of conditions, which you can find on warranty certificate.
  - The equipment must be used only according to instructions listed in this manual.
  - Electrical equipment of the surroundings where the chair is installed has to be up to standards IEC (standards about electrical equipment for medical places).
- Assembly, repairs, enlargement of equipment, adjustments and in general all operations about structure opening must be made only by technicians authorised by Medi-Care Solutions.
- Only For USA MARKET → Caution: Federal law restricts this device to sale by or on the order of a physician.
- **WARNING!** Make sure that the voltage of the electrical line is stable and that always within in the range → 230Vac +/- 10%, 50/60 hz.



## DUE USE AND INSTRUCTIONS

OTO P/V line chairs are medical equipment for exclusively ENT examination and treatment.



**Attention! Maximum load of the chairs is kg 180 (330lbs). We suggest that this value must not be surpassed.**

## BIOCOMPATIBILITY

Upholsteries with a bi-elastic polyurethane material ("Skai").



**NOTE: To avoid contamination, it is recommended to cover, with a sheet of paper or cotton, the entire upholstery to protect it and prevent promiscuous contacts among patients.**



**Important! Follow the instructions for cleaning the upholstery as explained in the Maintenance section of the following manual**

**Note: Must be used only Medi-Care Solutions original pieces**



## SORROUNDINGS CONDITIONS.

The equipment has to be installed in surroundings with the following features:

- a) temperature between 10° and 40° C
- b) Relative dampness between 30 and 75%
- c) Atmosphere pressure from 700 to 1060hPA.



## INSTALLATION

Lift the chair from the packing pallet and place it on the floor slowly, without bending it avoiding violent shocks or shaking.



**NOTICE: Make sure the floor is uniform and without dips.**



**NOTICE: Connect the power supply to a suitable standard electrical socket that meets the specifications indicated on the label.**

## FUNCTIONING

Chair is ready to work. The chair is enabled to make a 360° rotation.

To get the rotation free is enough to turn anticlockwise side the lever under the seat (see picture 1):



Fig. 1 – Pic. 1

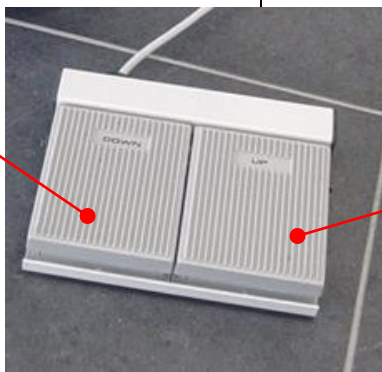
RUOTANDO IN SENSO ANTIORARIO – POLTRONA E' LIBERA DI RUOTARE  
TURNING ANTICLOCKWISE LEVER THE CHAIR FREE TO ROTATE



## **LOWERING AND LIFTING**

To lift the chair push the foot-control in the “UP” position; on the contrary, to lower it push the foot-control on the “DOWN” position (see Pic. 2)

DISCESA POLTRONA  
TO LOWER THE CHAIR



SOLLEVAMENTO POLTRONA  
TO LIFT THE CHAIR

Fig. 2 – Pic. 2

## **BACKREST ADJUSTMENT**

It is possible to adjust the backrest inclination through the lever under the seat (Pic. 3); by actuating this lever, the movement will be unlocked and by pushing the backrest downward, you will change the chair's position until you reach horizontal position (170°). Once reached the desired position it is enough to release the lever again.



Fig. 3 – Pic. 3

LEVA PER SBLOCCAGGIO INCLINAZIONE SCHIENALE  
LEVER FOR UNLOCKING BACKREST INCLINATION

**CAUTION! When a patient is seated, manually support the backrest while lowering it.**

|                                                                                                                                   |                                                             |                                                                |
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**NOTICE: If the backrest is reclined and if on the chair there is no patient, when unlocking the backrest through the lever, it is advisable to help with a hand the backrest to move forward, so to avoid a too fast and rough movement.**

**NOTICE: Do not sit on and lean on the reclined backrest**



### **ROTATING ARMRESTS**

To make easier the patient sitting and standing position, both armrests can be laterally oriented, as shown in picture 4.

It is necessary to lift upward the armrest and rotate it to the outside.

**CAUTION! Do not sit on and lean at the end of the armrests!**

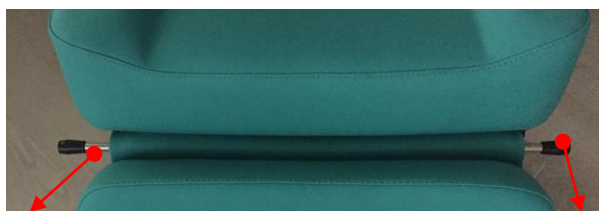


Fig. 4 – Pic. 4



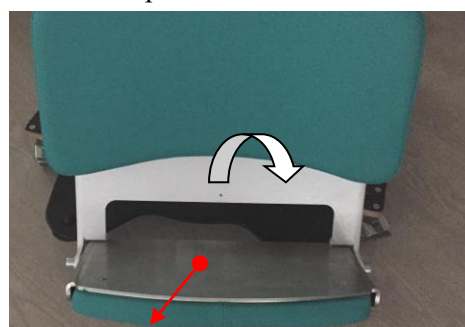
## LEG-REST AND FOOTREST

The leg-rest of OTO P/V PROFESSIONAL is operated in both directions through a lateral lever (see pic. 5) by a gas spring. The leg-rest excursion is about 90°. To lock the leg-rest in a desired position it is enough to release the lever. The leg-rest is supplied with an iron footboard, which can be manually unlocked by pulling it to the outside (see pic. 6). To place it back it is enough to pull it to the inside, where a “magneto” system will keep it locked in rest position.



LEVA BILATERALE DI SBLOCCAGGIO GAMBALE  
LEVER FOR UNLOCKING SINGLE LEG-REST

FIG. 5  
PIC. 5



PEDANA PER APPOGGIO PIEDI  
FOOTPLATE FOR LAYING FEET

FIG. 6  
PIC. 6

**WARNING! The maximum weight supportable from the footboard is 25 kg (55 lbs), not to exceed this weight!**

**NOTE:** In the OTO P/V ELEGANCE version there is an ergonomic fixed footrest instead of the movable leg (see Pic. 7):

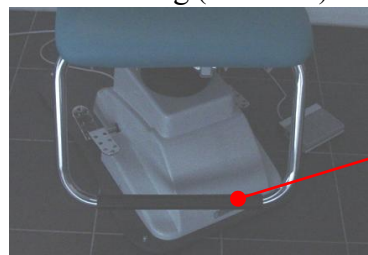


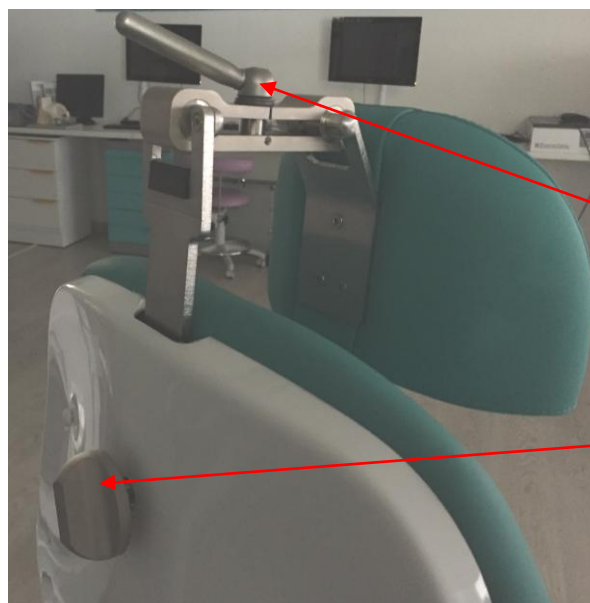
FIG. 7  
PIC. 7

**WARNING! Do not use the footrest to get off or get on on the chair but only to rest feet during the visit.**



## ARTICULATED HEADREST

By losing or tightening the lever on the articulated headrest, you can set the position of the headrest in order to correctly positioning as regards to the patient's head. It is possible, though the knob behind the backrest, to set the height of the headrest (see pic. 8).



LEVA DI REGOLAZIONE  
POGGIATESTA/LEVER FOR  
ADJUSTING HEADREST

POMELLO DI REGOLAZIONE  
ALTEZZA/ KNOB FOR ADJUSTING  
HEIGHT OF HEADREST

FIG. 8  
PIC. 8



## FIXED HEADREST

In the chair it is possible to have, as an alternative to the articulated headrest, the fixed (Fig. 9) and ergonomic headrest



|                                                                                                                                   |                                                             |                                                                     |
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## DAILY MAINTENANCE AND CLEANING

**Use the cover systems (rolls of paper towels, etc.) to be placed on the upholstery to avoid possible contamination of the parts in contact.**

The materials used in the construction of the **OTO P/V LINE** are suitable for easy cleaning and disinfection.

Most of pharmaceuticals and chemical products used in a doctor's room could damage the painted surfaces and the parts in plastic material.

Tests and inquiries showed that surfaces could not be completely protected against damages of all products sold on the market.

The effects of those products are essentially related to the time they remain on the surfaces.

It is important to remove immediately with a damp cloth those substances from the surfaces of the equipment.

Please use only damp cloth for cleaning; do not spray detergents directly on the chair.

**NOTICE! Do not use products containing alcohol, ammonia, abrasive substances or benzol. The concentrations specified here below are the maximum allowed and cannot be exceeded:**

Quaternary Ammonium: maximum 2%

Glutaric Aldehyde: maximum 2%

**MEDI-CARE SOLUTIONS WILL NOT BE HELD RESPONSIBLE FOR DAMAGES CAUSED BY USE OF DISINFECTANTS WHICH CONTAIN ACTIVE SUBSTANCES DIFFERENT FROM THOSE ABOVE MENTIONED.**

### **OTHER ADVICES AND PRECAUTIONS**

There is no scheduled maintenance cycle; the frequency with which ordinary maintenance and / or general checks can be carried out depends on the degree of use; however, it is advisable to carry out an annual check of the state of the moving parts (actuator, gas spring, pedal, pivots, etc.).



The **OTO P/V PROFESSIONAL** and **OTO P/V ELEGANCE** chairs are supplied with voltage tension and it is therefore compulsory to switch off the main switch and un-connect the plug of power supply before starting any kind of operation (set up of fuses, spare parts, cleaning, etc.;).

Do not lay over weights over 25Kg (55 lbs) on the single leg-rest when it is in horizontal position because the spring could not be able to support the weight.

**NOTE: Medi-Care Solutions on request will provide electrical circuit diagrams, the parts list, descriptions, calibration instructions or other information to assist the AUTHORIZED SERVICE PERSONNEL in the repair of parts of the MD that are considered repairable.**



### **6. ETICHETTA MATRICOLA**



## 6. IDENTIFICATION LABEL

Identification label is placed on lifting arm, under the seat. All details noted are the following:

- The chair model is specified by a black sign beside the name.
- On the “clock” up on the right side are specified year and month of production.
- On the table below on the right are mentioned the different classes – according to safety rules on electric components - working tension (Voltage), absorbed power and frequency of net tension.
- You will find equipment serial number below on the left, which guarantees the identification of the chair.

Nelle tabelle in basso a destra

### The concept according to IEC 60601-1 is: Class IB

- Finally, you find “CE”, Symbols according IEC 60601-1 and disposal symbols according to EEC regulations for disposal process and MD (Medical Device) symbol according MDR 2017/745.

\*

|                                                                                                                                     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                      |            |                                                                                       |  |
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|                                                  |                    |                                                                                                                                                                                                                                                                                                                                                      |  |  |            |  |  |
| MEDI-CARE SOLUTIONS S.r.l.<br>MANUFACTURER: Via della Zecca, 1 40121 Bologna<br>FACILITY: Via Pietro Nenni,3 40026 Imola (BO) Italy |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                      |            |                                                                                       |  |
| PODOPEG                                                                                                                             | GYNEX              |                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | VA                                                                                   | 90 120 145 | MD                                                                                    |  |
| CHARME                                                                                                                              | GYNEX Professional |                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                      |            |                                                                                       |  |
| OTOPEX                                                                                                                              |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Vac.                                                                                 | 115 230    |                                                                                       |  |
| OTOP/E                                                                                                                              |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                      |            |                                                                                       |  |
| OTOP/V Elegance                                                                                                                     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Hz.                                                                                  | 50 60      |                                                                                       |  |
| OTO P/V Professional                                                                                                                |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                      |            |                                                                                       |  |
| SN <input type="text"/>                                                                                                             |                    |      |  |                                                                                      |            |                                                                                       |  |

## 6.1 Simbologia



|                                                                                                                                   |                                                             |                                                                     |
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Classification of the “B” type machinery. “B” type machinery (machinery of the type I, II, III, or machinery housing an internal electric source with a protection degree against direct and indirect contact and in particular for:

- permitted current dispersion
- reliability of the ground contact

**Equipment of Class II B.**

This symbol indicates: TO CLARIFICATION  
CONSULT THE ATTACHED  
DOCUMENTATION

This symbol indicates: ATTENTION! CONSULT  
THE ATTACHED DOCUMENTATION  
BEFORE USE THE UNIT

Symbol that indicate “generic warning”.

Earthling contact of the machinery

Alternated current

Indicates that the equipment is a medical device

Symbol discharge with normative



**DISPOSAL**

|                                                                                                                                   |                                                             |                                                                     |
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The symbol of crossed out garbage bin (on the back of the equipment) indicates that the product at the end of its working life must be collected separately from other garbage. This refers to the following law: art. 13 of D.L. 25 /07/2005, n.151: "Implementation of the regulations 2002/95/CE, 2002/96/CE and 2003/108/CE, about decrease of dangerous substances on electric and electronic equipment" and moreover it refers to garbage disposal.

The separate collection of rubbish of this equipment (felt into disuse) must be arranged and coordinated by the manufacturer. When the user wants to throw away the equipment, he will contact the Manufacturer Company that will indicate all procedures to follow for the disused equipment separate collection of rubbish.

Therefore, the appropriate separate collection of rubbish, aimed to actuate afterwards disused equipment recycling, treatment and to ambient garbage disposal, contributes to avoid possible bad effects on the environment and on the health. In addition, these procedures raise the reemployment and/or the recycling of the materials of which the equipment is composed.

The unauthorized garbage disposal, on the part of the holder, requires administrative law sanctions application.

*Medi-Care Solutions S.r.l remains available for further information in this matter.*

**MEDI-CARE SOLUTIONS SRL:**

**REGISTERED OFFICE: VIA DELLA ZECCA NR. 1 40121 BOLOGNA BO**

**FACILITY: VIA P. NENNI NR. 3 40026 IMOLA (BO) ITALY TEL 0542 642046 [www.euroclinic.it](http://www.euroclinic.it) [info@euroclinic.it](mailto:info@euroclinic.it)**

