# User's Guide







# **Product Identification**

 Model Number :
 Serial Number :

 Date of Purchase :
 Name of Owner / Facility :

 Name of Dealer :
 Dealer's Phone Number :

 Promotal Authorized Service Company :
 Image: Company im

### Legal Notice

### PROMOTAL

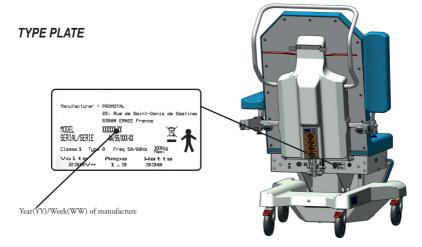
22, rue de Saint-Denis de Gastines B.P. 26 - 53500 ERNÉE Cedex FRANCE Tél. : +33 (0)2 43 05 12 70 Fax : +33 (0)2 43 05 68 99 internet : www.promotal.com

The descriptions and specifications contained in this

Operating Manual are deemed correct at the time of printing.

**Promotal**, however, reserves the right to modify its models and its procedures or render them obsolete without notice.

Before any order, we recommend that our customers consult a local sales manager.



# Summary

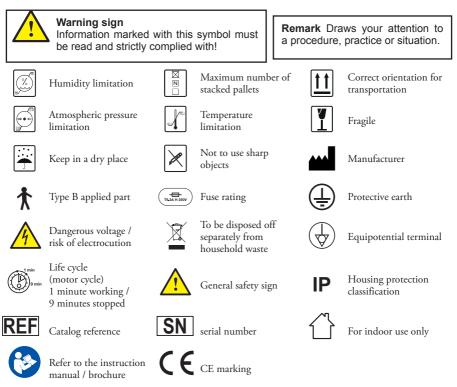
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# Summary

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### Safety symbols



### Remark

the equipotential terminal allows the connection of an equipotential conductor to bring all the different elements of an electro-medical system to the same potential.



do not sit on the back rest



do not sit on the leg rest



you must not sit on the arm rests







do not push against the seat

you must not use the foot rest

as a foot step

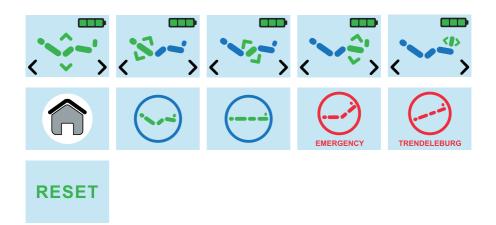


you must lower the seat before moving



### Warning

You must not remove the pictograms and warning signs provided by the manufacturer! The manufacturer disclaims all responsibility in case of removal of these signs.



### Applied parts

The applied parts according to standard EN 60601-1 are:

- Mattress
- Foot rests
- Dialysis arm support
- Head rest (accessories)

### Electrical power supply

The equipotential terminal must not be used as a protective earth connection under any circumstances.



This medical device has electrical classification 1, it must only be connected to a power supply equipped with a protective earth.

### Electromagnetic interference

This Promotal medical device was designed and built to minimize electromagnetic interference with other equipment. If interference is, however, observed, you must remove the apparatus causing the interference from the room and/or plug it into an isolated circuit.

### Medical device delivered on a wooden pallet

The medical device positioned on a wooden pallet may be easily moved using a forklift truck, as long as this is used correctly. Before transportation, ensure that the forklift truck is correctly positioned in relation to the pallet, and that the unit is stable.

- Do not store in an area subject to

- Keep in its original packaging until the

### Storage conditions

Room temperature: Relative humidity : Atmospheric pressure : -15 °C to +60 °C (+5 °F to 140 °F) 10 % to 90 % (without condensation) 0.5 bar to 1.05 bar (500 hPa to 1050 hPa)

- Do not stack material.

frequent passage.

final destination.

All storage must be carried out in accordance with the following recommendations:

- Clean, aired and temperate area.

 Medical device stored in an area sheltered from bad weather and direct sunlight.

- Dry room.

- Medical device protected from shocks.

### Conditions of use

- Dry and temperate area.

– Maximum altitude : 2000 m

### Unpacking and Installation

Step by step

1) During unpacking, remove all staples and remove the cardboard packaging carefully.

**Caution : be careful with cutting tools,** as fragile parts of the medical device *(covering, plastic housing, etc.)* may be near them.

2) If possible, transport the medical device on its pallet up to the final place of use.

The medical device is adjusted to a resistant position for transportation.

see: as indicated in the diagram

3) Cut the two green bands that fix the DM to the pallet..

4) Next, take the DM off the pallet.

**Caution** Four people are required to remove the medical device from the pallet.

- Temperature 10 to 40' C

- Relative humidity 75% maxi.

### Check

Having unpacked the medical device, follow these steps:

1) Check the delivery documents to ensure that the delivery is complete.

2) Check the external components for any damage during transportation.

### Remark:

Within the European Union, all problems, complaints or questions should be addressed to:

Promotal 22, rue de Saint-Denis de Gastines 53500 Ernée, FRANCE Telephone : + 33 (0)2 430 517 76 Fax : + 33 (0)2 430 572 00

3) Check that the packaging contains the medical device, accessories and Optionss, the supply cable *(if electrical MD)* and the User Guide.

### Warning

It is vital to read the user's manual thoroughly before manipulating this Medical Device. The equipment should only be used for its intended purpose as described in our documentation. Installation and connection must only be carried out by qualified personnel. The electrical components (cylinder, box, control handle, battery, adapter, etc.) must not be opened under any circumstances. PROMOTAL shall not be held liable for any damage resulting from non-compliance with these instructions.

Any modification to the medical device without written authorization from the manufacturer is forbidden.



Caution Only accessories designed and provided by Promotal for this medical device are authorised for use.



This medical device is not intended to be cleaned in a washing tunnel.

### Cleaning/Disinfecting

This medical device must be regularly cleaned using the appropriate detergent products and disinfected using bactericidal, virucidal and fungicidal disinfectants.

A mild detergent such as soapy water can be used for routine cleaning of upholstery, stainless steel, aluminium or painted surfaces, plastic parts and control components, followed by effective rinsing and thorough drying.

Detergents and disinfectants designed for use with medical appliances, such as those containing quaternary ammonium compounds, hydrogen peroxide, ethanol, chlorine compounds, etc. can be used on our medical devices provided that:

- The concentration prescribed by the suppliers of such products are complied with;
- The application conditions (contact time, quantity used, temperature, rinsing, etc.) are complied with;
- The supplier's instructions state that the detergent-disinfectant used is suitable for use with:
  - PVC, ABS, Polyamide, Polyurethane, Polypropylene
  - Epoxy-coated metal surfaces
  - Stainless steel or aluminium metallic surfaces.

### Warning:

- Solvents are strictly prohibited.
- The use of abrasive powders or any other abrasive product should be avoided.
- High-pressure cleaning is forbidden.



Under no circumstances shall Promotal be held liable under warranty for any damage caused by non-compliance with the use instructions for a detergent-disinfectant.



### Intended use

This Medical Device (DM) is designed for outpatient treatment in healthcare institutions; this articulated chair can be used to transport patients either sitting up or lying down, in addition to in the reception, awakening, recovery and Tredelenburg\* positions.

This appliance must not be installed in domestic premises.

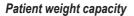


### Authorisation to use

Health professionals (doctors, caregivers) and/or qualified members of the technical staff can handle or use the table.

The patient and attendants can intervene on the table in order to allow the patient to readjust his position only under the condition that he has been informed about the operation of the table by the medical personnel.

The appliance must not be used in the presence of anaesthetic mixtures that are inflammable with air, oxygen or nitrous oxide.





### Electrical connection

This device must be connected to the mains supply.

- Connection to the mains supply: country)
  - Frequency:
  - Electric shock protection class/protection degree:
  - Absorbed power:
  - Intermittent operating mode:

100 V or 240 V (depending on the



In the event of prolonged non-use, it is recommended to switch the couch off.

<sup>1</sup> This equipment is a chair designed for minor outpatient operations such as defined by the CREDES (Centre de Recherche, d'Etude et de Documentation en Economie de la Santé) and the IAAS (International Association for Ambulatory Surgery); based on the recommendations of the SFAR (Société Française d'Anesthésie et de Réanimation) concerning procedures that are eligible for outpatient surgery.

### Characteristics

Steel structure with white epoxy finish

Electrically adjusted height ranging from 57 to 92  $\,\mathrm{cm}$ 

Electrically adjusted backrest

Electrically adjusted leg rest (incline and extension)

15° reverse Trendelenburg position

Upholstery, thickness: 80 mm, including 1 x 35HR foam layer, thickness: 50 mm and 1 viscoelastic (memory) foam layer, thickness: 30 mm

4 independent 150-mm  $\emptyset$  wheels, including 1 steering castor at the head end

4 x 150-mm  $\emptyset$  wheels with centralised braking, and a 5th wheel (optional)

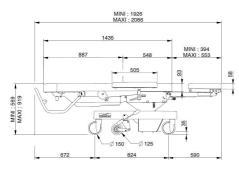
Battery for emergency positioning (50 cycles depending on use)

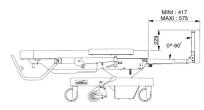
Built-in push bar

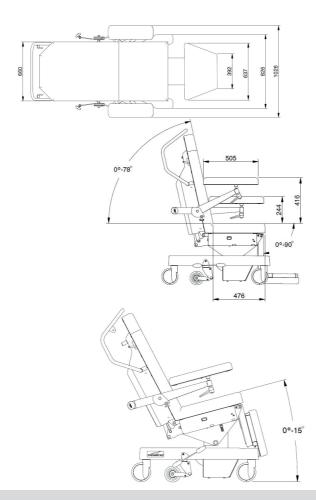
2 removable curved foam armrests on swivel adjustment system, and heat-formed M1 covering



### Dimensions 47000-01 + 47188-01

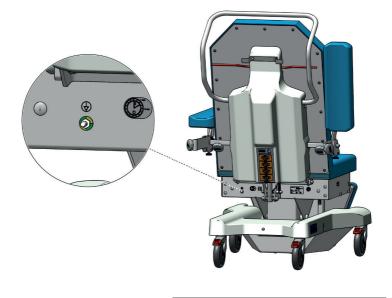






### Equipotential terminal

this medical device is electrical class 1. It must be connected to a grounded power supply system only.



### Remark

the equipotential terminal allows the connection of an equipotential conductor to bring all the different elements of an electro-medical system to the same potential.

The equipotential bonding conductor must never be used as the earth connection for protection.



### Safety note

Before using the medical device lowering control, ensure that no objects or obstacles are between the moving parts and the ground.



### Safety note

When applying preset positions (Home, Comfort, Bed, Trend and Emergency) do not leave the patient on the medical device without supervision



### Safety note

Unplug the power supply cable before moving the MD.

### Caution

the supply cable for this medical device may represent an obstacle and cause falls. Do not forget its presence when moving around the device once connected to the mains supply.



### Caution

A power failure may prevent the patient support from being lowered. In such an event, the patient must be lowered under the best possible safety conditions.



### Caution

For all types of installation, the mains power supply to which the medical device is connected must be accessible to allow disconnection in an emergency.

(Integrated with the chair power supply) Accumulator Note: the chair can operate "ACCU. mode" or "Sector mode".

in

Charging the accumulator

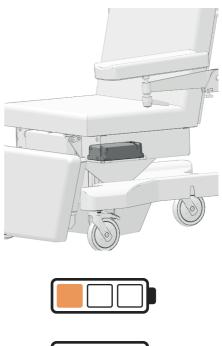
Before using the chair for the 1st time, it is recommended to leave it plugged into the mains for 24 hours to enable the accumulator to charge fully.

*Note: The chair will lose power after (approximately) 5 to 10 operating cycles in "accu.*mode".

### Visual charge indicator on the control

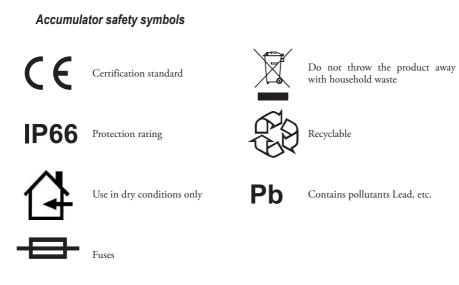
The control has a **LED** 

- The *LED* indicates the accumulator's charge status.
- One flashing bar the accumulator needs charging.
- Two bars the chair is charging or in use
- Three bars the chair is fully charged.









### Technical characteristics of the accumulator

Voltage:	25,6 V DC
Amperage:	4 Ah
Accumulator type:	Li-Ion
Voltage (maximum):	30 V DC
Charging time:	Approx. 8 h (depending on the power supply unit)
Useful life:	approx. 1000 cycles (depends on how the chair is used)
Discharge time:	approx. 1 an (storage)

### Manual command

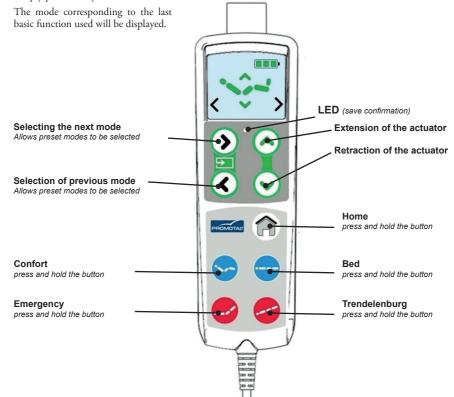
Presentation



### Safety note

When applying preset positions (Home, Comfort, Bed, Trend and Emergency) do not leave the patient on the medical device without supervision

The control goes into standby mode after not being used for 1 minute. Simply press on any button to restart.



### **Description of functions**

### Home position

This is the standard entry and exit position, with: Raised backrest Retracted footrest The seat is positioned 53 cm from the floor To apply this position, press and hold m NB: this position cannot be adjusted

### Bed position

This position is at a height of 63 cm, with the leg rest, headrest and seat horizontal To apply this position, press and hold  $\bigcirc$ 

NB: this position cannot be adjusted

### Trendelenburg position (Trend)

This is a high Trendelenburg position with a  $15^\circ$  incline (head downwards) and the leg rest horizontal to hold the patient in place

To apply this position, press and hold 🔗

NB: this position cannot be adjusted

### Emergency position

This is an emergency position with a 15° incline, headrest and leg rest horizontal

To apply this position, press and hold 🥏

NB: this position cannot be adjusted

### Comfort position

This is a comfortable position with: Slightly raised backrest Leg rest at 47° 5° incline To apply this position, press and hold NB: this position cannot be adjusted



### Safety note

When moving to one of the programmed positions by sustained contact (reception, supine position, emergency position), do not leave the patient on the couch unattended.

### **Reception position**

The position below is obtained by a sustained press on the manual control 6.





### "Stretcher/Bed" Position

The position below is obtained by a sustained press on the manual control 🗢.



### Trendelenburg position

The position below is obtained by a sustained press on the manual control 🗢.



### **Emergency position**

The position below is obtained by a sustained press on the manual control 🥏.



### **Confort position**

The position below is obtained by a sustained press on the manual control 🔄.



# Using the control panel

To adjust the height

Use the control panel.





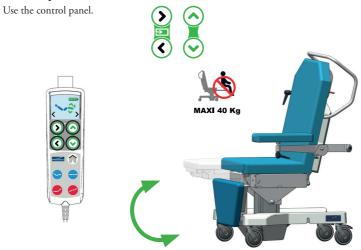
### To adjust the back rest

Use the control panel.

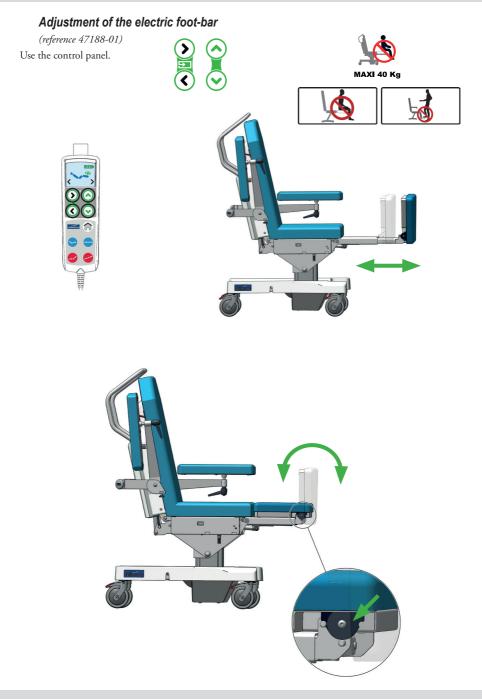


# <text>

## To adjust the foot cushion



# **Using the PolyCare**



### Mechanical braking on individual and steering wheels

### Using the castors

The MD is equipped with 3 wheels with 2 functions (free or locked) and one wheel with 32 functions (directional, free), which is marked with a green ring.

This wheel is located at the head end of the MD.

1:The wheels move freely.

2:(Brake position): The wheels are completely locked.

3:Directional position:

The wheel (head end) is directionally locked. This wheel controls the swivel direction of the MD.



Caution Ensure brakes are fully engaged before installing a patient.

### Emergency mechanical disengaging

### Using the disengaging

- Grasp the handle on one side of the headrest and raise it by leaning on the frame.
- Simultaneously, manually support the lowering of the headrest up to the desired position.
- Release the handle.



# **Using the PolyCare**

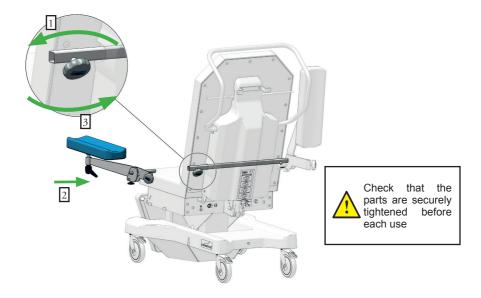
### Dialysis arm rest

The armrests follow the movement of the backrest



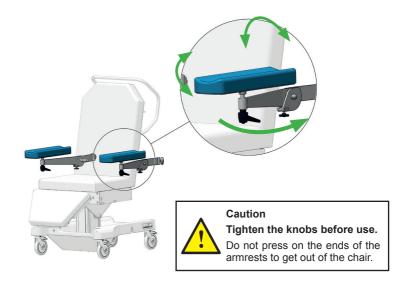
### Dialysis armrest assembly

Please note that the armrests are supplied dismantled at the time of delivery.



### To adjust dialysis arm rests

The armrests can be swivelled in all directions thanks to a ball joint located under the armrest. To adjust them, unscrew the knob (VS) then set them to the required angle



### Retracting the arm rests

(during patient transfer only or if the doctor needs access the patient) - Pivot the arm rest around its axis until it reaches the raised position.



### USB socket

(Input 24 VDC / Output 5V 2A) Connect one USB device to the socket located to the right of the seat.



### The centralized brakes

(reference 47126-01)

Using the centralized brakes

3 pedal positions

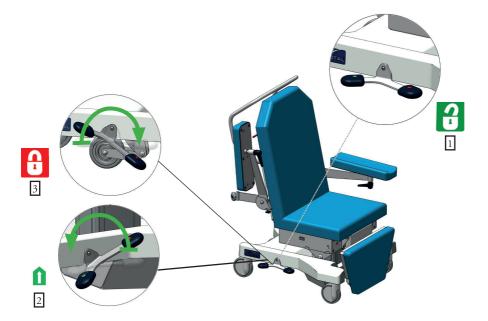
1 : Pedal in horizontal position : The 5 wheels are free.

2 : Pressing the green pedal (Directional position): The wheel of  $\emptyset$  125 will get directionally locked when the stretcher will be moving. The stretcher can rotate easily with respect to this wheel.

3 : Pressing on the red pedal (Braking position): The 4 wheels of Ø 150 are completely blocked.4 castors are locked.



Caution Ensure brakes are fully engaged before installing a patient.



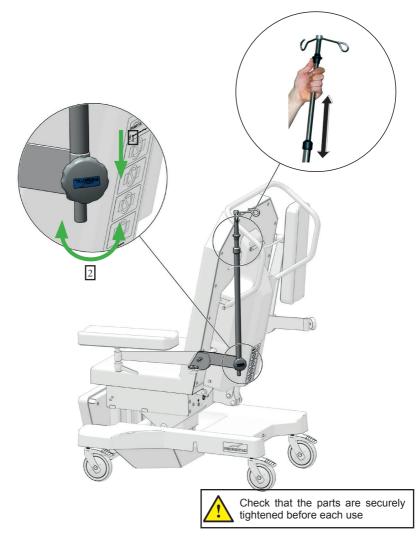
### IV pole

(reference 2985-01)

Installing the IV pole

Unscrew the screw handle. Insert the I.V. pole and rescrew.

*Adjusting the height of the IV pole* The IV pole has 1 sliding stem. Use the screw to adjust the height of the lower stem and the bolt to adjust the upper stem.



### Adjustable head rest

(reference 11679-01)

Using the head rest

Positioning:

- Push the head rest's band insert into the back rest frame.

### Adjustment:

- The head rest can be adjusted simply by pressing on it to lower it, or by pulling on the band insert to raise it.

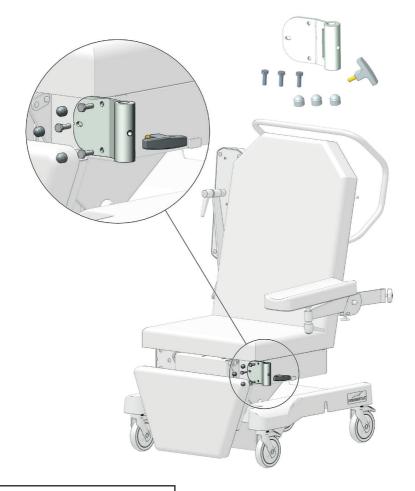


# Accessories

### Clamp

(reference 47351-01)

*Installing the clamp* Remove the plastic end pieces. Insert the clamp into the relevant space and tighten the blocking screw



-

Check that the parts are securely tightened before each use

### Reading table

(reference 47350-01)

- Loosen the clamp's tightening wheel

- Place the table shaft in the clamp provided for this purpose.

- Retighten the wheel.

Once the table has been fixed, you can adjust it's orientation using the tightening wheel on the table shaft.



Check that the parts are securely tightened before each use



Caution Clamps 47351-01 are required to install the accessories.

### Panel support

(reference 47731-01)

- Loosen the clamp's tightening wheel

- Place the flexible shaft in the clamp provided for this purpose.

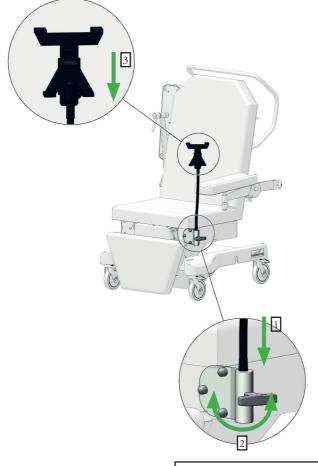


### PDA support

(reference 47780-01)

### Installing the support

- Loosen the tightening wheel of the vice.
- Place the flexible rod in the vice provided for this purpose.
- Retighten the handwheel.
- Fix the PDA on the support.



Check that the parts are securely tightened before each use



Caution Clamps are required to install the accessories.

## Accessories

### Oxygen bottle holder

(reference 47750-01)

*Installing the bottle holder* Insert the bottle holder into the location provided for this purpose.



Check that the parts are securely tightened before use



Ø maximum permitted: 120 mm



This device is designed for a 10 year lifetime (except wear parts) under normal use conditions. This lifetime may vary according to frequency of use.

### CHECK THE GENERAL CONDITION OF THE DEVICE AT LEAST ONCE A YEAR.

The wear parts are:

- The upholstery.
- The electric cylinders.

- The wheels and casters (depending on the device model)
- The tightening handles and wheels

Promotal recommends replacing the wear parts after 5 years use maximum.

For all interventions, contact your usual dealer, indicating the Serial number of the device.



### Material warning

Within the framework of maintenance, only the installation of components designed and provided for this MD by Promotal is authorised.

### Compulsory / specific maintenance

Once a year, ensure that the following checks are carried out by a qualified technician (contact your dealer):

- Ensure that all screws are correctly tightened.
- Check the fixings of articulated parts.
- Ensure that the structure has not been deformed.
- Ensure the fuses are in good condition.
- Check that the power cable has not been cut or damaged.
- Check the different connections (excessive play, noise...)
- Note this information and the control date in the maintenance record.

### Once a month :

• Check the correct operation of the safety devices (cf page 16).

### Medical device end of service life

Your dealer is responsible for the recovery and end of life treatment of this device.

If necessary, do not hesitate to contact Promotal. We can propose solutions to treat this equipment in the best conditions.



### Material warning

Upholstery whose coating is torn no longer provides an effective anti-bacterial barrier and must be replaced without delay.



### Material warning DO NOT dismantle THE DEVICE

If a fault is detected, immediately contact your dealer or the dealer's technical department (cf.Warranty Chapter) for a complete diagnosis. If you have a doubt, do not use the device.

### **RESET** procedure

If the medical device malfunctions, reset the motors.

Method

Press any button to activate the remote control

Press and hold buttons 📀 and 😔 until the LED starts to flash (about 30 seconds)



Product Reference : Serial number (cf. label) : Manufacturing date (start date of warranty)	Product Reference :	Serial number (cf. label) :	date (
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 //

Type of intervention - corrective action					
Name of technician					
Date					

If the product is returned to the retailer or manufacturer, please clean and disinfect the material.

### Warranty

Promotal warrants, to the original purchaser, products manufactured by Promotal and components to be free from defects in materials and workmanship for a period of two (2) years<sup>1</sup> from the date of purchase.

### **Obligations**

Promotal will, at its discretion and expense, replace defective parts reported to Promotal within the applicable warranty period, and which, upon examination by Promotal, prove to be defective.

In accordance with CE regulation, Promotal's distributor is responsible for after sales service during and after the warranty period.

### Exclusions

- This warranty does not extend to :

- (1) Spare parts and consumables.
- (2) Travel and labour expenses.

(3) Breakdowns due to improper use, manifest neglect, or to moving the device.

(4) Equipment whose original characteristics have been changed by the user.

(5) Control units, hydraulic and electric jacks if opened by the user (seals broken).

(6) Damage, breakdowns, failures, or defects attributable to outside causes (lightning, electric surges, floods, natural catastrophes, impacts, etc.) or to the presence of foreign objects.

(7) Damage caused by improper hook-up or by the power supply, damage caused by corrosion or by gradual deterioration of the product.

(8) Indirect damage related to loss of use and penalties generated by poor performance.

(9) Aesthetic damage incurred by the outside parts of the equipment, which does not hinder proper operation, such as scratches, chips, and scrapes.

 $\left(10\right)$  Devices whose serial number has been rendered illegible or has been changed or removed

### Exclusive Remedy

Promotal's only obligation under this warranty is the replacement of defective parts. Promotal shall not be liable for any direct, indirect, special, incidental, exemplary, or consequential damages or delay, including, but not limited to, damages for loss of profits or lose of use.

### No Authorization

No person or fi rm is authorized to create for Promotal any other obligation or liability in connection with the products.

# THIS WARRANTY IS PROMOTAL'S ONLY WARRANTY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED.

Upholstery sets are warranted 1 year from manufacturing defaults.



# **EU Declaration of Conformity**

We,

### Promotal

22 rue de Saint Denis de Gastines 53500 Ernée – France SRN: FR-MF-000001666

declare, under our sole responsibility, that the following electrical medical device: Commercial name: PolyCare 48000-01 & 48010-01

Description: Ambulatory medecine chair

Basic UDI-DI: 37014094POLYM8

is a Class I medical device,

complies with the requirements of **Regulation (EU) 2017/745** of the European Parliament and of the Council of 5 April 2017,

complies with the following European directives:

- Directive 2011/65/EU (RoHS 2) of the European Parliament and of the Council of 8 June 2011
- Delegated Directive (EU) 2015/863 of the Commission of 31 March 2015
- Directive (EU) 2017/2102 of the European Parliament and of the Council of 15 November 2017

meets the applicable European standards,

bears, as such, the CE marking.

Year that the CE (Medical Devices) marking was initially affixed: 2024

Signed in Ernée, On 1 April 2024

Rudolf MOURADIAN Chairman



PROMOTAL - FRANCE www.promotal.com DIC48010-01\_1424EN

