



Polycare



**Chair for General
Medical Care**

3185



User's Guide



Product Identification

(The information below is required when calling for service)

Model Number :

Serial Number :

Date of Purchase :

Name of Owner / Facility :

Name of Dealer :

Dealer's Phone Number :

Promotal Authorized Service Company :



Serial number

Table of Contents

Important Information	5
<i>Safety symbols</i>	5
<i>Power supply</i>	5
<i>Electromagnetic interferences</i>	5
Installation Instructions	6
<i>Material delivered in cardboard packaging</i>	6
<i>Fixed articles, furniture, wall furniture</i>	6
<i>Dismounted material</i>	6
<i>Products delivered on wooden palettes</i>	6
<i>Storage condition</i>	7
<i>Unpacking</i>	7
<i>Authorized CE representative</i>	
Instructions for Use	8
<i>Warning</i>	8
<i>General maintenance</i>	8
<i>Maintenance Instruction</i>	8
<i>Painted surfaces</i>	8
<i>Imitation leather coverings</i>	8
<i>Stainless steel products</i>	9
<i>Chrome finished products</i>	9
<i>PVC and ABS products</i>	9
<i>Laminated elements</i>	9
<i>Dimensions</i>	10
User's Guide – Polycare Chair	11
<i>Features</i>	11
<i>Normal use</i>	11
<i>Electrical connections</i>	11
Using the Chair	12
<i>Using the hand control</i>	12
<i>Adjusting the height</i>	12
<i>Adjusting the backrest and the leg cushion</i>	13
<i>Using the castors</i>	13
<i>Adjusting the arm rest</i>	13
Accessories	14
<i>Adjusting the footrest</i>	14
<i>Headrest</i>	14
<i>Installation</i>	14

Options	14
<i>I.V. pole</i>	14
<i>Adjusting the height of the hooks</i>	14
<i>Using the arm rests</i>	15
<i>Centralized braking</i>	15
<i>Reading tray and clamps</i>	16
<i>Push bar</i>	16
<i>Options</i>	16
Lifespan	17
<i>Exchangeable components</i>	17
<i>Obligatory/specific maintenance</i>	17
<i>Maintenance Notebook</i>	18
Notes	19
Warranty Information	22
<i>warranty</i>	22
<i>Obligation</i>	22
<i>Exclusions</i>	22
<i>Exclusive remedy</i>	22
<i>No authorization</i>	22
Declaration of Conformity	23

Important Information

Important Information

Safety symbols



Caution

Indicates a potentially hazardous situation which could result in injury if not avoided.



Equipment alert

Indicates a potentially hazardous situation which could result in equipment damage if not avoided.

Note

Amplifies a procedure, practice, or condition.



Consult User Guide
for important information



Proper shipping orientation



Fragile



Type B, Applied Part



Protective earth ground

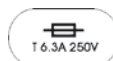
Certification norm



Keep dry



Maximum stacking height
(palletted units)



Fuse rating specification



Dangerous voltage /
shock hazard



Duty Cycle
(motor run time) :
1 minute ON /
9 minutes OFF

Power supply



Caution

Most exposed metal parts of the equipment are electrically grounded. When performing a cauterization or similar treatment, the patient must be insulated from the metal portions of the equipment by nonconductive material. Failure to do so could result in electric shock or burns to patient.

Electromagnetic interferences

This Promotal examination equipment was designed and built in order to minimize electromagnetic interferences with other devices. If interferences are noted, it is necessary to withdraw the parts causing the interference and/or to connect the equipment on isolated circuits.

Installation Instructions

Material delivered in cardboard packaging

- *Small, lightweight, easy to handle material*

In this case, the products can be easily handled without any lifting gear, taking care to position the product according to the directional arrows on the packaging.

In the absence of arrows indicating the top and bottom, use the position of the various product identity labels which are always placed at the top.

- *Heavy or cumbersome material requiring the use of lifting gear*

In this case, it is possible to use a fork lift truck, provided it is used correctly.

Before moving, ensure the material is properly positioned, and that the load is evenly balanced.

Fixed articles, furniture, wall furniture

When the cardboard carton has been taken away, remove remaining protective packaging and install the product.

For wall furniture, make sure the following two devices are properly installed : a suitable wall fixture, a levelling device.

For other products, before installing, check that the product is stable.

For certain models, adjustable levellers enable you to improve this stability, and to make sure the article is level.

If the product has separate accessories, follow the accompanying mounting instructions to attach them (shelves, glass doors, shelf supports).

Dismounted material

These products are delivered unassembled.

The various elements are protected by the following types of packaging :

- plastic (vinyl) packaging,
- bubble film packaging / foam or polystyrene,
- cardboard packaging.

Products delivered on wooden palettes

Products placed on a wooden palette may easily be moved using a forklift truck, provided this is used correctly.

Before moving, ensure the truck is correctly positioned in relation to the palette, and that the whole is stable.

You must pay particular attention when handling very tall or high articles (eg. cupboards).

Storage condition

Ambient Temperature Range :
Relative Humidity
Atmospheric Pressure

-5 °C to +38 °C (+23 °F to 100 °F)
10 % to 90 % (non-condensing)
500 hPa to 1060 hPa (0.49 atm to 1.05 atm)

The following conditions must be observed when storing any material :

- The area must be clean, well ventilated and be of a normal temperature.
- Store products away from the elements, and away from direct sunlight.
- The area must not be damp.

- The products must not be subject to bumps or jolts.
- Do not store in an area where people are likely to pass.
- Articles must not be stacked on top of each other.
- Articles must remain in their original packaging until final delivery.

Unpacking

When installing, remove all staple clips and carefully remove the cardboard packaging. Fragile parts of the product (upholstery coverings, plastic casings, etc.) may be just below the packaging. Care must be taken with cutting instruments.

Once the packaging has been removed, remove any remaining protective covering.

In the case of packaging on a wooden palette, remove the packaging as above. Depending on the model, the product is fixed either by screwed flanges, or by nailed wooden stakes. Use a spanner (for metal flanges). Use a claw hammer (for wooden stakes). Lift the article off the palette, and take away the remaining protective covering. The product is now ready for use.

Note :

Authorized CE representative

Countries in the EEC should direct all questions, incidents, and complaints to Promotal's Authorized CE representative listed below :

Promotal
22, Rue De St. Denis
53500 Ernee,
FRANCE
Phone: + 33 243 05 6895
Fax: + 33 243 05 7200

Instructions for Use

Warning

You must read the installation instructions, technical instructions, and instructions for use before handling this equipment. The instrument must be used only for the specific purpose for which it is designed, and which is described in our literature. The assembly and connection to the mains must be carried out by qualified per-

sonnel. Under no circumstances must electrical parts (motor, unit housing the electrical control systems, control unit, adaptor etc.) be opened. PROMOTAL cannot be held responsible for any damage resulting from the instructions not being followed.

General maintenance

Except for appropriate regular cleaning, our products do not require any particular maintenance. The mechanical parts used as blocking mechanisms (smooth arch, notched arch, ratchet mechanisms, etc.) do not require any specific attention. The gas springs on tables do not require any maintenance. Their shaft must be kept clean, must not be subject to jolts or hard knocks, and must not be cleaned with any corrosive products. The electric and hydraulic jacks do not require any particular attention.

The variable height tables, chairs and trolleys are equipped either :

- With arms fitted with self lubricating articulation rings.
- With telescopic bearing runners. In this case they should be lubricated once a year (particularly if the runners are noisy) with ordinary grease. (See the exploded drawings for access to the runners).

Maintenance Instructions

Painted surfaces (epoxy polyester finish)

The use of ordinary cleaning products, eg. window cleaning products, is perfectly suitable for cleaning surfaces finished in epoxy polyester. **It is strictly forbidden to use the following :**

– Solvents :	Petrol High-grade alcohols : – Aliphatics – Aromatics Ketones - esters Tri -perchloroethylene	– Bases :	10 % sodium 10 % ammonium	– Others :	Distilled water Bleach Abrasive powders Any abrasive Cleaning product
– Acids :			30 % nitric 30 % chlorhydric 10 % citric		

Imitation leather coverings

Use a damp cloth and soapy water (eg. household soap). For stubborn stains, dab, but do not rub, using a cloth soaked in white spirits or in a solution of water and alcohol (less than 30 % strength).

It is strictly forbidden to use the following :
Pure alcohol, acetone, perchloroethylene, tri-

chloroethylene, all solvents and detergents, any abrasive cleaning agents, any kind of wax.

Flame retardant classification : All our coverings class are M2 or M1. We can provide you with a manufacturer's certificate on request.

Stainless steel products

Cleaning and Maintenance : For maintenance of stainless steel products, periodic cleaning of the surface is sufficient. This operation is necessary to keep the products clean, but is facilitated by the quality of stainless steel surfaces. A large range of products and cleaning methods may be used. The choice of the most suitable products to be used will depend on the nature of the marks or on the product content, and on the conditions of use of the stainless steel elements.

Cleaning agents :

- a) **Detergent - washing liquids :** All types of detergents, washing liquids and commercial soaps may be used, provided they do not contain any chlorine products.
 - b) **Abrasive powders :** These products may scratch the stainless steel surface, thereby changing the way it looks, at least in places. They should therefore not be used.
 - c) **Solvents :** The use of solvents may be
 - d) **Acid products :** Vinegar (acetic acid) may be used to get rid of stains made by calcium deposits. Its contact with the surfaces must be of a very limited duration, and the surface must then be thoroughly and carefully rinsed with clean water. The use of chlorine based products is forbidden.
 - e) **Bases :** They are strictly forbidden.
- Others :** The use of steel wool or metal sponges is strictly forbidden.

useful in getting rid of grease marks. The usual solvents (benzene, methylene chloride, white spirits etc.) as well as domestic or specially prepared industrial products may be used. Naturally their use requires certain precautions to be taken because of their inflammable and toxic properties. Precautions must also be taken to avoid damaging adjacent materials which may be sensitive to their chemical action (paints, mastics, joints etc.).

Chrome finished products

These products have been covered with a chrome coating to protect them from oxydization.

Cleaning and Maintenance : It is vitally important, in order not to damage this protective coating, that abrasive and / or corrosive products should not be used. The use of commercial cleaning products, such as window cleaning products, are perfectly suitable for chrome coated surfaces. If necessary, an appropriate disinfectant may be used on chrome (make sure the instructions are followed).

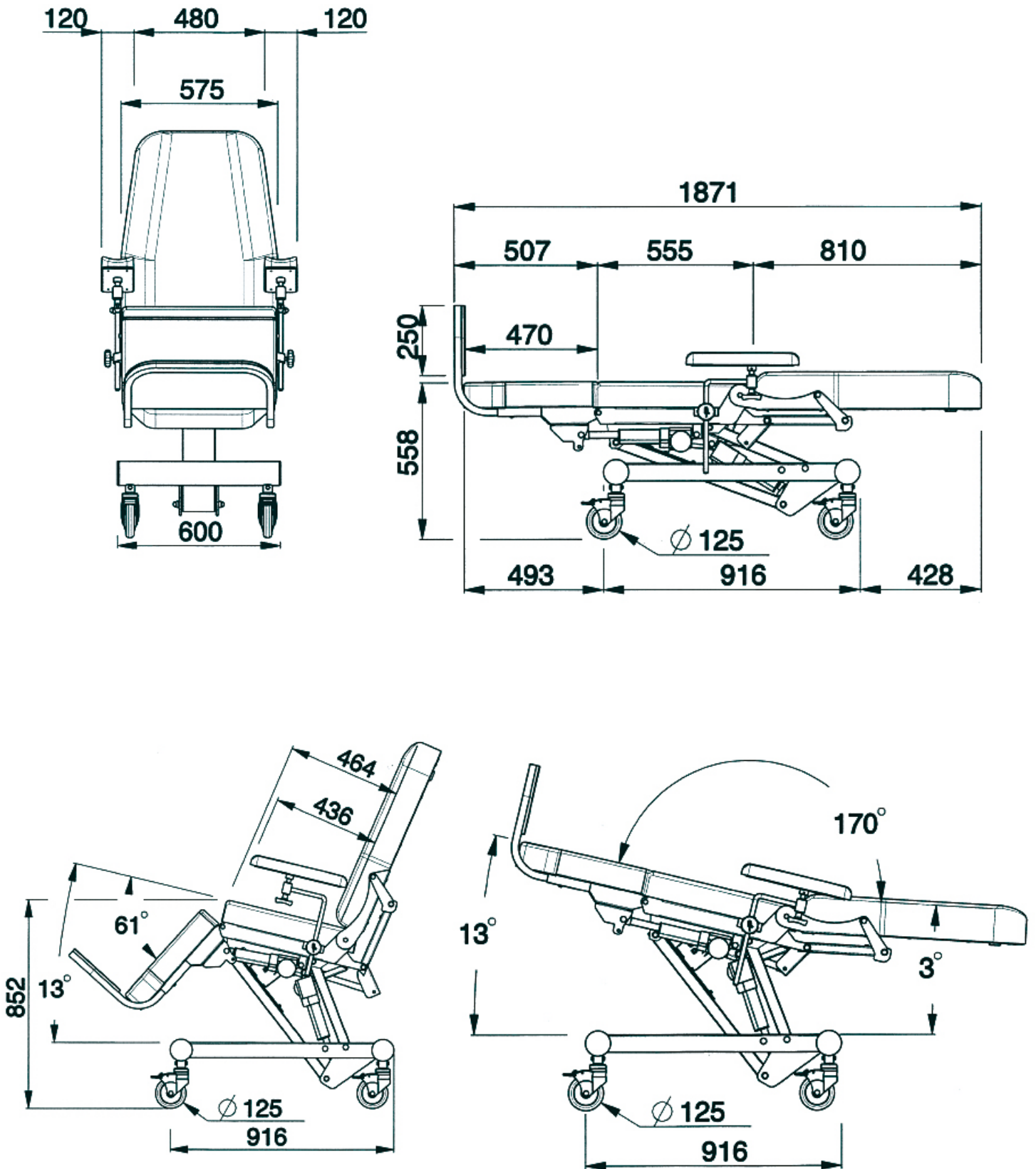
PVC and ABS products

Cleaning and Maintenance : The use of commercial cleaning products, such as window cleaning products, are perfectly suitable for PVC and ABS surfaces. To brighten up an old or dull surface, plastic restorer products may be used. Please note that the use of any solvents or any abrasive products is strictly forbidden.

Laminated elements

Cleaning and Maintenance : As for PVC. Use window cleaning products.

Dimensions



User's Guide – Polycare Chair

Features

- Electric height adjustment.
- Combined legrest and backrest movements.
- Combined seat incline and height adjustment movements.
- Pair of polyurethane armrests.
- Handset.
- Set of 4 castors with brakes \varnothing 125.
- Steel frame with light grey ABS casting.
- Upholstery, with class M1 flame retardant covering.



Normal use


This chair is designed for use in dialysis and meets the following important requirements :

- Easy positioning of the patient

Only nursing staff, hospital service staff and technical service staff should handle or use the chair.

Patients or people accompanying them must not operate the chair. They must not touch the chairs control switches or levers.

This equipment must not be used in presence of an ignitable anaesthetic air mix, or with oxygen or nitrous oxide.

	Maximum patient weight of 170 kg (tested at a static weight of 680 kg and tested at a dynamic weight of 210 kg).
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Electrical connections

This equipment must be connected to the main electricity supply.

- | | |
|---|---|
| • Connection to the supply : | 120 V or 230V
(depending on country) |
| • Frequency : | 50/60Hz |
| • Protection Classification / Degree of electric shock protection : | Class 2 / B |
| • Power absorbed : | 200W |
| • Intermittent function mode : | 1min / 9min |



If the chair is not to be used for a prolonged period of time, it should be switched off and disconnected from the mains.

Using the Chair



Safety :

For safety reasons , and in order to avoid malfunctioning, no objects should be placed under the seat cushion or between the moving parts of the chair.

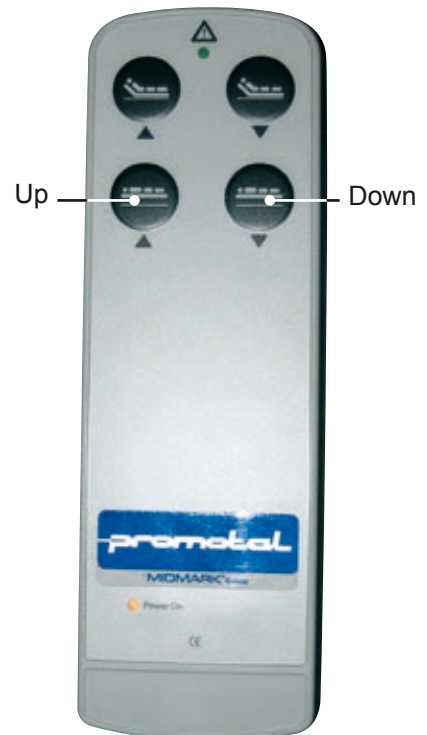
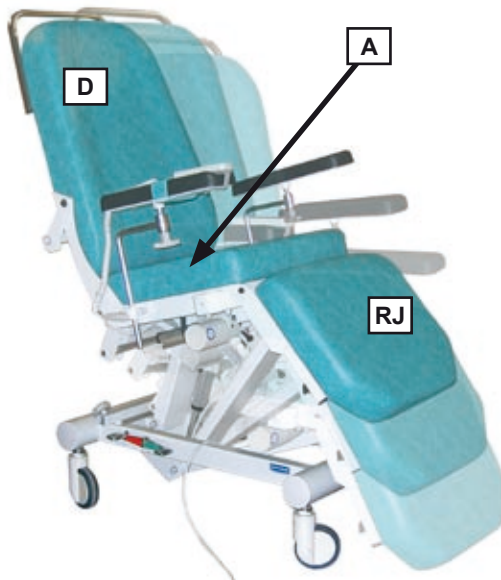


Using the hand control

To achieve the desired position, simply apply and maintain pressure on the hand control. As soon as this pressure is released, the movement will stop. The chair trolley is fitted with an internal device to limit the high and low positions.

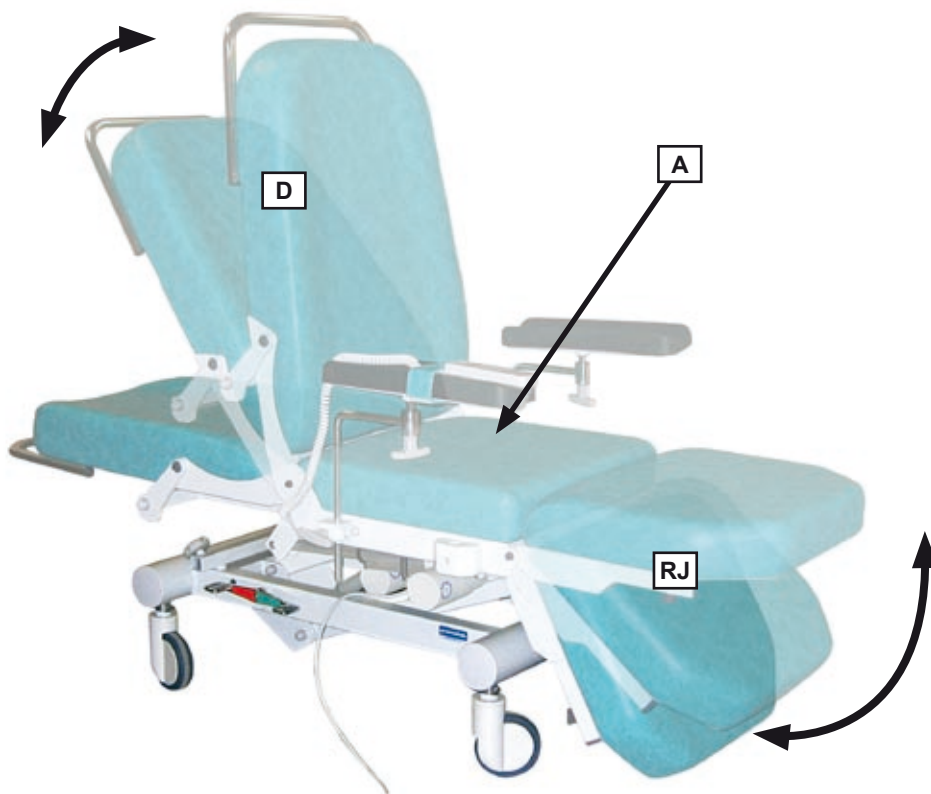
Adjusting the height

Press on the hand control for the desired position. The adjustment of the seat is combined with the height.



Adjusting the backrest and the leg cushion

Press on the hand control. The legrest and backrest movements are combined.

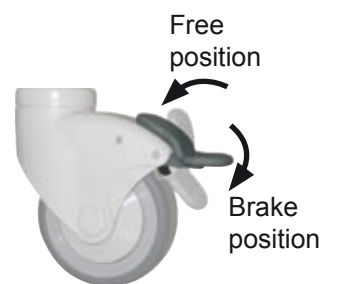


Using the castors



Caution

Ensure brakes are fully engaged before installing a patient.



Adjusting the arm rest

The standard arm rests can be adjusted in height and can be positioned in all directions due to the ball and socket joint underneath the armrest. To adjust the armrests, loosen the screws and position as desired.

Re-tighten the screws before use



Caution

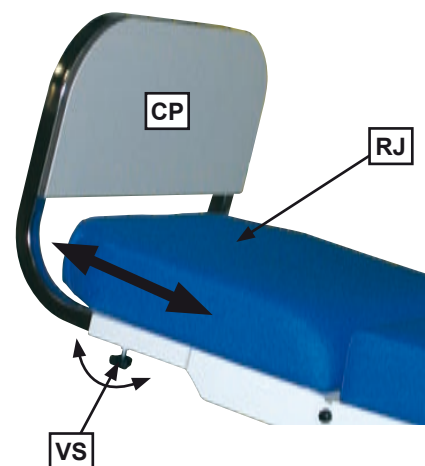
Do not lean on the extremity of the armrest when getting off the chair.

Accessories

Adjusting the footrest (CP)

(reference 3186)

Loosen the two screws (VS) behind the leg rest (RJ). Slide the footrest to the required height. Re-tighten the screws before use.



Caution

The patient must not put his feet on the footrest during this operation.

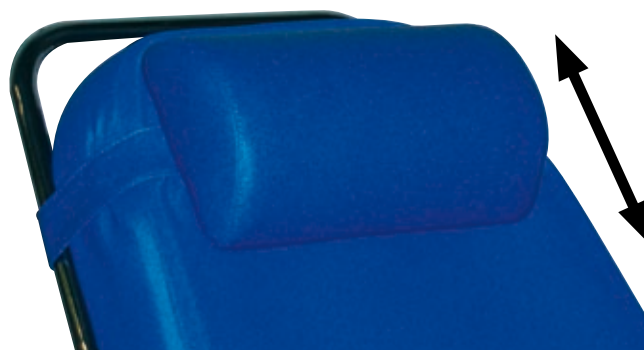
Do not use the footrest as a foot step to access the chair.

Headrest

(reference 1104)

Installation

- Insert the grip of the headrest on the backrest.
- Place in the desired position.



Options

I.V. pole

(reference 3193)

- Loosen the screw at the base of the chair.
- Insert the pole and tighten the screw.

Adjusting the height of the hooks

With one hand take hold of the I.V. Pole. With the other hand, loosen the screw handle, and slide the rod to the desired height. Tighten the screw handle before use.



Ensure all screws are tight before use

Using the arm rests

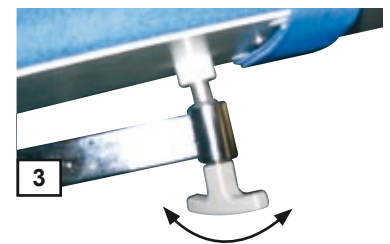
(reference 3187)

The movement of the arm rests is combined with that of the backrest (always remaining parallel to the seat).

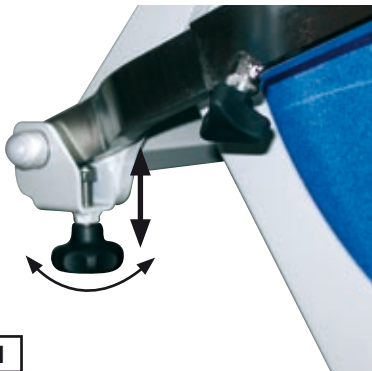
They can be raised backwards to facilitate patient access.

They can be put in any position, thanks to a ball and socket joint underneath the armrest.

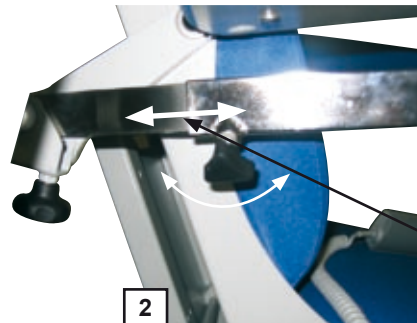
To adjust the armrests, simply loosen the screws, and position them as desired. Re-tighten the screws before use.



Orientation adjustment



Height adjustment



Length adjustment



Caution

Always respect the instructions indicated on the chair.
Do not lean on the extremity of the armrest when getting off the chair.

Centralized braking

(reference 25126)



3 pedal positions (FC)

Pedal (FC) in horizontal position : All four castors are free

Press on the green foot pedal (Pivot Position) :
the position of the 2 castors (head end) are fixed. The chair pivots
around these castors.

Press on the red foot pedal (Brake Position) :
all 4 castors are blocked.



Caution

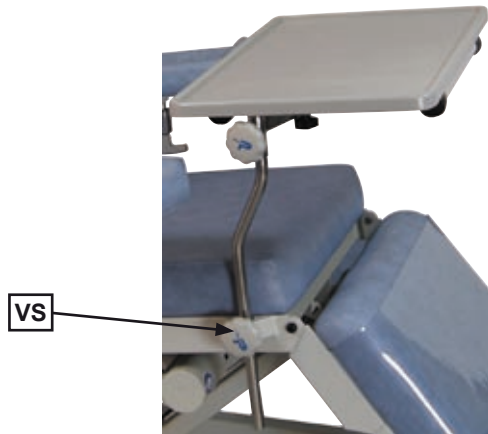
Ensure brakes are fully engaged before installing a patient.

Reading tray and clamps

(reference 25350 and 25351)

- Loosen the screws of the clamp (**VS**).
- Place the tray in the clamp.
- Tighten the screws.

Once the tray is in place, the orientation can be adjusted using the screw handle at the base of the tray.



Orientation of the tray



Push bar (reference 3191)

Options	
3187	Folding and combined armrest
3189	Plastic cover for legrest
3191	Push bar
3193	I.V. pole stem
25126	Set of 4 castors with centralized brakes (ø 125)
25350	Reading tray
25351	Pair of welded clamps for tray support

Lifespan

This material was designed for a lifespan of 10 years (except for wearing parts) in normal working conditions. This duration may change depending on frequency of use.

THE CONDITION OF THE CHAIRS SHOULD BE CHECKED AT LEAST ONCE A YEAR

Exchangeable components

For all interventions, please contact your Promotal distributor, indicating the serial number on the sticker at the back of your chair.

Obligatory/specific maintenance

Once per year :

- Check the good tightening of the screws and the rods.
- Check the state of fixings of the articulated parts.
- Check the which structure did not undergo any deformation.
- Check that the cord of food does not present a cut or another material damage.
- Control the various connections (excessive play, noise...)
- Note this information and the date of checking on the notebook of maintains.



Material warning NOT TO DISMOUNT THE EQUIPMENT

If a defect is detected, to immediately contact your retailer or the engineering department of the company of your retailer (cf Chapitre Guaranteed) for a complete diagnosis. If a doubt remains, not to use the equipment.

MAINTENANCE NOTEBOOK

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

Date	Name of technician	Type of intervention - corrective action

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

Notes

Notes

Notes

Warranty information

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 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) upholstery sets*;
- (2) goods damaged due to acts of nature, accident, misuse, abuse, neglect, alteration, freight damage or tampering;
- (3) goods damaged due to improper installation, improper operation or maintenance or connection to an improper voltage supply;
- (4) goods considered to be of a consumable nature.

Modifications or alterations of Promotal products or components (including but not limited to the installation of non-Promotal equipment), except as authorized by Promotal, will void this warranty.

Removal or braking of the seals and / or identification tag of products or components will also void this warranty.

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 loss of use.

No Authorization

No person or firm 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**.

DECLARATION OF CONFORMITY

Manufacturer's name : ***Promotal***

Manufacturer's address : *22, rue de St. Denis de Gastines
53500 Ernée
FRANCE*

Product references : **3185**
Carry a CE label.

Product Description : **Chair for General Medical Care**

This mark certifies that this class I medical device :

complies with the regulation measures defined by the essential health and safety requirements of the EEC directive 93/42, appendices I and VII (decree 95-292 of the 16th March 1995).

complies with all European standards applicable to it.

Ernée,
12th, February 2003



François NOGRIX
Président

For more than 40 years, **PROMOTAL** has built its reputation on the quality of its products.

PROMOTAL offers a complete range of medical equipment from stretchers, dialysis and blood-drawing chairs to examination and gynecology tables.

