freeway

T80 Paediatric Shower Chair



User Manual

1 Introduction 4
1.1 Manufacture 4
1.2 Symbols Used 5
1.3 Contraindications / Limitations 6
1.4 Intended Use 6
1.5 Safety Instructions and Warnings 7
2 Components/Key Parts 8
2.1 Chair Configurations 9
3 Accessory List 10
4 Assembly Instructions 11
4.1 Attaching the seat 11
4.2 Attaching the armrest 11
4.3 Attaching the footrest 12
4.4 Attaching accessories 12
4.4.1 Full Child Safety Harness 12
4.4.2 Pelvic Strap 12
4.4.3 Buckle or VELCRO ® Brand fastener Waist Strap with Comfort Pad 13
4.4.4 Dartex Footrest Covers 13
4.4.5 Wrap around Dartex Footrest Covers 13
4.4.6 Vinyl Calf Support 14
4.4.7 Individual Clip-on Padded Trays 14
4.4.8 Detachable Headrests 14
4.4.9 Curved Padded Head Support 14
4.4.10 Head Support Cushion 15
5 Operating Instructions 15
5.1 Operating the Tilt Function 15
5.2 Operating the Braked Castors 16
5.3 Footrest adjustment 16
5.4 Using the Commode Pan (Accessory) 16
5.5 How to use the Harnesses 17
5.6 How to use and adjust the waist straps 17
5.7 How to use and adjust the pelvic straps 17
6 Technical Specification 18
6.1 Shower Chair Frame Dimensions 18
6.2 Shower Chair Aperture Dimensions 19
7 Environmental Conditions 20
7.1 Operating Environment 20
7.1.1 Normal Operating Conditions 20
7.2 Storage Conditions 20
7.2.1 Shipping and Storage Conditions 20
8 Daily Checks 21
9 Cleaning 22

9.1 Metal Frame Cleaning 22
9.2 Fabric Cleaning 22
9.3 Disinfecting (if necessary) 22
10 Servicing 24
11 Troubleshooting 25
12 Disposal 25
13 Warranty 26
14 Service Record History 27

1 Introduction



This user manual should be kept safe for future reference.



Please read and understand this manual in its entirety before using your Freeway Shower Chair.

The information in this manual is important for the safety of anyone near the shower chair and must be read and understood to help prevent injuries. It is also crucial to the proper operation and maintenance of the shower chair.

Should any questions arise from reviewing this manual, contact your local authorised representative.

Failure to comply with warnings in this manual may result in; injury to the operator and/or client and/or damage to the shower chair or related components.

If, during the use of this device or because of its use, a serious incident has occurred please report it to the manufacturer and to your national authority.

Store this manual with the documents included with the shower chair. Contents of this manual are subject to change without prior written notice.



Do not attempt to use this equipment without first understanding the contents of this manual.



Unauthorised modifications on this product may affect its safety. The manufacturer will not be held responsible for any accident, incident or deficiencies of performance that occur because of any unauthorised modification to its products.

1.1 Manufacture

The shower chair is manufactured at the address below:



Prism Medical UK
Unit 1, Tir Llwyd Industrial Estate, St Asaph Avenue, Kinmel Bay, Conwy, LL18 5JZ
Telephone number: 01924 840100.

1.2 Symbols Used

The Table below includes all symbols from BS EN ISO 15223-1:2021 that can be found in this manual and on the Product and what they represent. Refer to this Table when you are unsure of what a symbol represents.

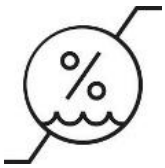
 Place of Manufacture	 Country of Manufacture	 Serial number	 Catalogue Number
 Caution – see instructions for use	 Consult instructions for use	 UK Conformity Assessed	 Safe Working Load
 For internal use only	 Packaging indicator – Keep dry	 Do not use if package is damaged	 Packaging indicator – This way up
 Fragile, handle with care	 Please observe local laws on recycling	 Non-sterile	 Atmospheric pressure limitation
 Temperature range	 Humidity range		

Table 1-1

1.3 Contraindications / Limitations

There are no known "contraindications" associated with the usage of the shower chair, provided it is used as per the manufacturer's recommendations and guidelines. However, it is recommended that a client specific assessment is completed by a trained and knowledgeable health care professional to determine the method of transfer and use.

The manufacturer does not recommend a required number of operators for the use of our products. This information and recommendation can only be provided after a thorough personalised, case specific assessment, as there are many factors that can influence these decisions.

Limitations of the chair include:

- The chair should only be operated by competent and trained persons.
- The chair should only be used with users weighing under the safe working load of the chair.
- The chair is only to be used within the environment it is intended for. Chairs must only be relocated by an authorised person.
- The chairs are designed for human transfer/use only. There is no other application to this product.
- The operator of the chair must always pay attention to the well-being of the user. Users should not be left unsupervised during operation.
- A carer must operate the chair during use.
-

1.4 Intended Use



For internal use only.

The shower chair, with an SWL (safe working load) of 160kg is designed to provide safe, and comfortable seating and showering experience for users. The chair is easily manoeuvrable and provides an easy-to-use hygiene solution. The tilt function is simple, and light to operate, allowing for comfortable access to the user during the showering process.

The shower chair's primary use is to provide the user with an effective solution for their toileting and showering needs. The chair can be used to transfer the user into the showering room where they can either transfer to a shower stretcher for bathing or receive a shower while remaining in the chair. The chair is also designed to locate over a toilet with an aperture seat to allow the user to use the toilet from the chair. It is important to note that the chair is designed as standard for use over a toilet of approximately 420mm from the floor to the top of the toilet, and for select wash-dry toilets installed at a height of approximately 460mm from the floor to the top of the toilet. The chair provides adaptable options, including different style apertures, to ensure maximum user comfort during use.

The manufacturer always recommends training before use of our products. For more details on the training that can be provided please contact your local authorised dealer.



The device is used under instruction, and the operation of the aid is undertaken by a trained carer. A risk assessment must be performed before using the chair to ensure safe use can be established.



You may need to seek specialist advice on how to assist some people with specific moving and handling needs. Sources of advice include, but are not limited to, professional bodies and organisations, occupational therapists, physiotherapists, manual handling advisers and ergonomists with experience in health and social care.

1.5 Safety Instructions and Warnings



Ensure to read and understand all the statements below, for the safety of the caregivers and users, along with warranty requirements.

- If you are unsure on the correct use of this product, please contact the manufacturer or a professional for further information or training.
- The shower chair must only be operated (placing the user into/out of the chair) on a flat and levelled surface.
- The shower chair should be used to transfer a person on a level surface, so do not exceed a slope of 5˚.
- Take care during the transfer of the person; do not move the person at speed, as this increases the risk of an accident.
- All shower chairs have less grip when pushed on a wet surface; be vigilant of the surroundings.
- Under no circumstance should the shower chair be put in control of a person who has not been properly trained in the use and care of this equipment. Failure to adhere to this warning may result in serious injury to the operator and/or the user.
- The shower chair and associated accessories are not toys. Do not use it for unsafe practices. Do not allow children to play with the shower chair or any of its components. The shower chair should not be used for any practice except its intended use.
- In facilities where more than one operator will be responsible for using the shower chair, it is important that all such members be trained on the shower chair prior to use. A training program should be established by the facility to acquaint new operators with this equipment.
- Your guarantee is void if persons unauthorised by the manufacturer perform work on the shower chair.
- To maintain optimum function, the shower chair should be inspected and maintained on a regular basis. See section 'Daily checks, Servicing and Cleaning' within this user manual.
- A list of approved accessories is listed in this user manual.
- The shower chair and the associated accessories are intended only for showering and transferring of a person. The manufacturer will not be responsible for any damage caused by the misuse, neglect, or purposeful destruction of the equipment and/or its associated components.
- Any accessories used with the shower chair should be checked before each use to ensure that they are in good working order. Check for signs of wear and ensure that all labels are legible. Report any unusual wear to your local authorised dealer.
- The shower chair and its associated accessories are certified to a maximum load of 200 kg. Do not exceed the maximum rated load of any of the components.
- Do not stand on the footrests; they are not designed to bear the full weight of the user.
- Ensure that a clear space is maintained around the shower chair. Before using the shower chair always check for and move away any obstacles.
- Never leave a user unattended in the shower chair.
- The shower chair is not intended to be used as a seating product for extended periods of time.
- When the shower chair is not in use, apply the castor brakes to prevent unwanted lateral movement.

2 Components/Key Parts

Please see below to familiarise yourself with the components of the shower chair. If you have not received all the components listed below, contact your local dealer immediately – contact details are provided on the last page of this manual.

Item	Description
1.	Frame
2.	Backrest
3.	Armrests
4.	Seat
5.	Footrests
6.	Castors
7.	Serial Number Label (Located on frame under seat)
8.	Safe Working Load Label
9.	User Manual

Table 2-1

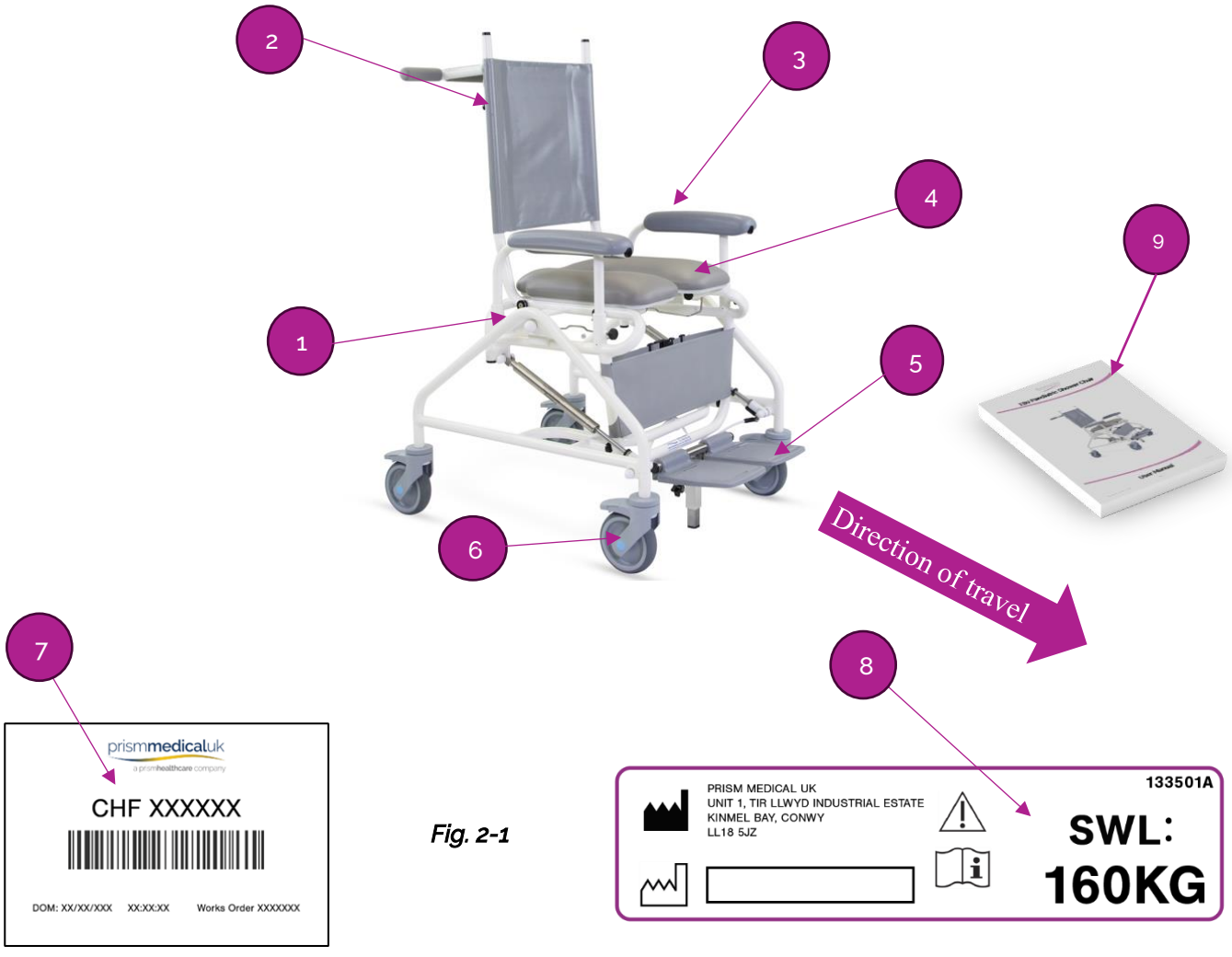


Fig. 2-1

2.1 Chair Configurations

The shower chair is available in various configurations, including width, frame type, seat depth, seat type, armrest type, backrest type and footrest type. See list below for the standard options.

Frame Options	
Frame Type	Benefits
Standard Frame	For used with standard 16"/440mm height toilets
COM Frame	For use with wash dry style toilets

Table 2.1-1

Backrest Options	
Backrest Type	Benefits
Standard 5˚ Reclined Backrest	Provides a 5˚ recline

Table 2.1-3

Footrest Options	
Footrest Type	Benefits
Standard Footrest	Standard flip up footrest
Heavy Duty Footrest	Sturdier aluminium footrest

Table 2.1-5

Seat Options	
Seat Type	Benefits
Fully Padded	Standard seat providing maximum comfort
Horseshoe	Horseshoe shaped aperture providing improved access
Full Ring	Provides aperture while maintaining full seat comfort
Vinyl Covering	Durable
Dartex Covering	Softer material

Table 2.1-2

Armrest Options	
Armrest Type	Benefits
Standard Armrest	Standard swing away armrests
Half Wide Armrest	Provides an additional 50mm width between the armrests
Wide Armrest	Provides an additional 100mm width between the armrests

Table 2.1-4

Additional configurations are available upon request. Please contact your local Dealer for more information.

3 Accessory List

The list below shows a list of approved compatible accessories that can be ordered at any time during the life of the shower chair. Contact your local dealer to order these parts.

Straps and Harnesses		
Description	**Part number**	**Comments**
Waist band VELCRO ® Brand fastener	180484	For size Paediatric width frame
Waist band buckle fastening	880491	For size Paediatric width frame
Comfort Pad for 440mm Waist Strap	880415	For C size width & Paediatric frames - to fit behind buckle/ VELCRO ® Brand fastener waist strap
Paediatric Pelvic Strap & Comfort Pad	910510	Paediatric width frames
Child Harness	880422	For Postural support
Heel/Calf Strap	880419	Assist users' foot on footplate
Backrest Accessories		
Description	**Part number**	**Comments**
Paediatric Detachable Headrest	910232	To support the user's head
Paediatric Detachable Headrest to take Curved Head Support	910233	To support the user's head
Flow Head Support Cushion	155805	For use with detachable headrest to provide comfort for user's head
Curved padded head support	910185	For use with detachable headrest to support users head
Footrest Accessories		
Description	**Part number**	**Comments**
T90 WC Heavy Duty Footrests	910505	Aluminium footplate harder wearing. Suitable for T90WC & T80 Paediatric Frames
Individual clip-on padded foot tray	910269	Make footplate comfortable for user's feet – Not compatible with NON-WC Footplates
Dartex footrest covers	880406	Make footplate comfortable for user's feet
Wrap around Dartex Footrest Covers	880432	Make footrest comfortable for user's feet
Vinyl calf support	920028	All Paediatric frame
Hygiene		
Description	**Part number**	**Comments**
Paediatric Commode Pan and Lid	910213	N/A
Cup Shaped Splashguard for a Horseshoe Seat	910216	Suitable Paediatric seats when used in the inverted position

4 Assembly Instructions

The sections below will give detailed instructions on how to install and remove the accessories from your chair. These instructions must be adhered to for a successful and safe assembly of the chair. If you are unsure of any processes, always seek advice.

4.1 Attaching the seat

a. Place the frame on a flat surface and apply brakes to the castors.
b. Remove the plastic bag containing the black star handle nuts attached to the side of the frame. Keep these to one side as they are needed to secure the armrests into position.
c. Remove the seat from its packaging and place it onto the frame in the orientation shown below in Fig 4.1-1.
d. Rotate the 4 plastic retention clips on each side of the seat over the frame. Ensure the clips are rotated to the 90˚position so the seat is secured to the frame correctly, as shown below in Fig. 4.1-2.



Fig. 4.1-1

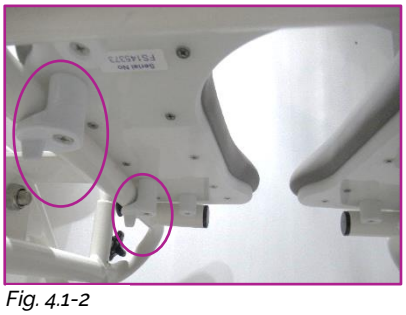


Fig. 4.1-2

4.2 Attaching the armrest

a. Remove the armrests from their packaging and remove the 2 star handle black nuts from the plastic bag that was previously removed from the frame.
b. Insert the armrest legs into the sockets, ensuring the armrest legs are bending inwards and with the rivet at the front, as shown below in Fig 4.2-1.
c. Tighten the star handle black nuts to secure the armrests in place, as shown below in Fig 4.2-2.
d. To swing the armrest away, loosen the black star handle shown in Fig.4-7, then lift the armrest out of the front socket and fold backwards, as shown below in Fig. 4.2-3.



Fig. 4.2-1



Fig. 4.2-2



Fig. 4.2-3

4.3 Attaching the footrest

a. Remove the footrest from their packaging.
b. Insert the footrest slider into the top of footrest socket located on the front of the frame, as shown in Fig. 4.3-1.
c. Tighten the star handle black nuts to secure the footrests in place, as shown below in Fig. 4.3-2



Fig. 4.3-1



Fig. 4.3-2

4.4 Attaching accessories

Below are instructions on how to attach all available accessories to the chair in the correct manner. See relevant accessories below:

4.4.1 Full Child Safety Harness

a. Remove the Harness from the packaging.
b. Loosen the seat clips from the frame: you can refer to the seat fitting instructions.
c. Attach the pelvic buckle straps by unthreading the strap from the buckles and looping them around the sides of the frame, as shown below in Fig. 4.4.1-1. Then thread the straps back through the buckle, pulling the loop tight against the bar.
d. Secure the seat clips back into their original position.
e. Attach the shoulder buckle straps to the backrest at the top of the vinyl like the pelvic strap described above and ensure the buckle adjustment is at the rear of the backrest shown below in Fig. 4.4.1-2.
f. Attach the anchor strap to the rear bar behind the seat and secure in place with hook and loop fastening shown below in Fig. 4.4.1-3.

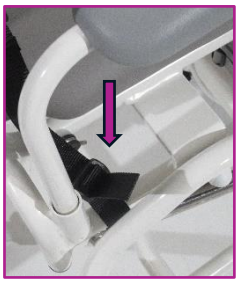


Fig. 4.4.1-1

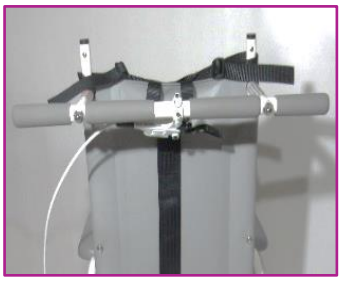


Fig. 4.4.1-2

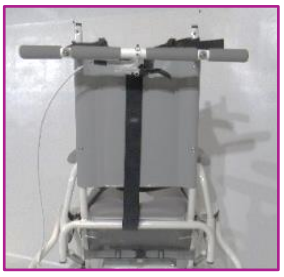


Fig. 4.4.1-3

4.4.2 Pelvic Strap

a. Remove the strap from the packaging.
b. Thread the 2 adjustment straps around the rear crossbar of the backrest, as shown below in Fig. 4.4.2-1.
c. Secure in place by threading the straps back through the buckle shown below in Fig. 4.4.2-2 and Fig. 4.4.2-3.

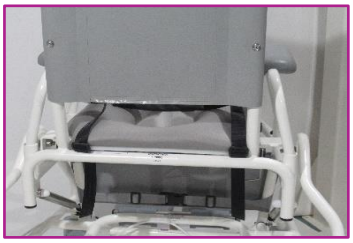


Fig. 4.4.2-1



Fig. 4.4.2-2



Fig. 4.4.2-3

4.4.3 Buckle or VELCRO ® Brand fastener Waist Strap with Comfort Pad

a. Remove the strap from the packaging.
b. Unattached the clip fastening on the front of the strap.
c. Position the elastic loop at the centre of the strap around the pram handle and continue downwards to the base of backrest, as shown below in Fig. 4.4.3-1.
d. This allows the strap to remain in place when not in use as shown below in Fig. 4.4.3-2.



Fig. 4.4.3-1



Fig. 4.4.3-2

4.4.4 Dartex Footrest Covers

a. Remove the covers from the packaging.
b. Slot the open end of the Dartex Cover around the footplate, as shown below in Fig. 4.4.4-1.



Fig. 4.4.4-1

4.4.5 Wrap around Dartex Footrest Covers

a. Remove the covers from the packaging.
b. Detach the cover from the hook and loop fastening and place on top of the footrest, as shown below in Fig. 4.4.5.-1.
c. Secure to the footrest by re-attaching the hook and loop fastening back together underneath the footplate, shown below in Fig. 4.4.5-2.



Fig. 4.4.5-1



Fig. 4.4.5-2

4.4.6 Vinyl Calf Support

a. Remove the support from the packaging.
b. Release the buckle clips on the support.
c. Wrap the support around the front of the frame and re-attach the buckle clips, as shown below in Fig. 4.4.6-1.



Fig. 4.4.6-1

4.4.7 Individual Clip-on Padded Trays

a. Remove the tray from the packaging.
b. Position the Padded Foot Tray onto the footplates and firmly press down until they click into position, as shown below in Fig. 4.4.7-1 and Fig. 4.4.7-2.



Fig. 4.4.7-1

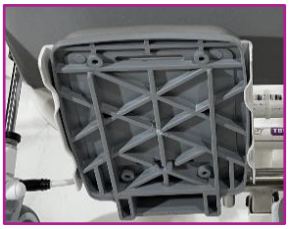


Fig. 4.4.7-2

4.4.8 Detachable Headrests

a. Remove the headrest from the packaging.
b. Position the headrest onto the spigots situated at the top of the backrest, as shown below in Fig. 4.4.8-1.
c. Use the star handle black nuts to securely fasten the headrest in place, as shown below in Fig. 4.4.8-2.



Fig. 4.4.8-1



Fig. 4.4.8-2

4.4.9 Curved Padded Head Support

a. Remove the support from the packaging.
b. Position the Head Support to the hook and loop fastening located on the detachable headrest, as shown below in Fig. 4.4.9-1.
c. Secure in place by pressing the head support to the headrest.



Fig. 4.4.9-1

4.4.10 Head Support Cushion

a. Remove the cushion from the packaging.
b. Unfasten the clips on the straps located on the rear of the padding.
c. Place the Padding to the front of the Headrest shown below in Fig. 4.4.10-1.
d. Secure in place by reattaching the clips around the back of the backrest, as shown below in Fig. 4.4.10-2.



Fig. 4.4.10-1



Fig. 4.4.10-2

5 Operating Instructions

This product may be heavy for users and must be lifted with care. Please operate this product with the use of the castors wherever possible to prevent any injury.

Appropriate training in lifting, handling, and bathing procedures should be undertaken by any person operating this product, along with any other additional aid equipment, for their own and the client's safety and comfort. These instructions are designed to cover the method of using the product.

5.1 Operating the Tilt Function

Operation of the tilt lever should only be done when someone is present in the shower chair. When empty the shower chair should also be in the fully tilted up position.

a. Locate the Tilt Lever on the push handlebar on the rear of the chair, as shown below in Fig. 5.1-1
b. To tilt the chair, place both hands on the rubber pram handle and squeeze the lever, as shown below in Fig. 5.1-2.
c. While maintaining pressure on the lever, either push down or pull up on the handlebar to achieve the desired tilt for the chair. Once you have reached the right position for the user, release the tilt lever and the chair will securely hold its position, as shown below in Fig. 5.1-3.

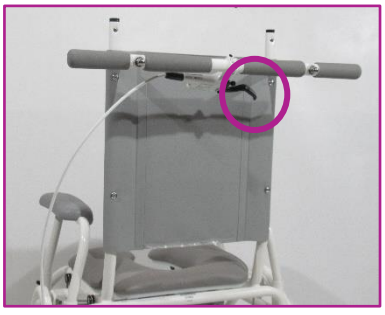


Fig. 5.1-1



Fig. 5.1-2



Fig. 5.1-3

5.2 Operating the Braked Castors

The castors on the shower chair are individually braked using your foot.

Make sure appropriate footwear is worn when using this product. Do not try to push the product when the castor brakes are activated.

To activate the brake, place your foot on the brake located on the castor and push down, as shown below in Fig 5.2-1. The plastic will stay in the down position, indicating the brake is now engaged, as shown below in Fig. 5.2-2. Repeat the process for all castors to ensure that the product is securely in position. To release the brakes, simply push down the top part of the brake, as shown below in Fig. 5.2-3.



Fig. 5.2-1



Fig. .5.2-2



Fig. 5.2-3

5.3 Footrest adjustment

a. Gently loosen the star handle black locking nut located on the back of the hanger shown below in Fig. 5.3-1.
b. Set the footrest to your preferred height as shown in Fig. 5.3-2 & Fig.5.3-3.
c. Secure it in place by tightening the black locking nut.



Fig. .5.3-1

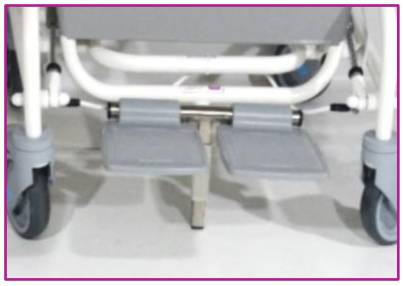


Fig. 5.3-2

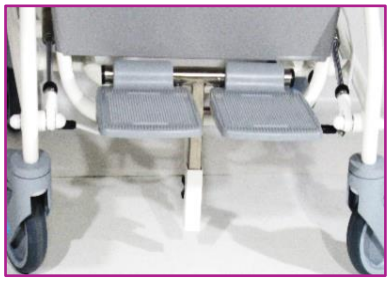


Fig. 5.3-3

5.4 Using the Commode Pan (Accessory)

Make sure that the commode pan is empty before transferring the shower chair.
The commode pan has a maximum capacity of 4 litres.

The plastic commode pan is designed to self-locates onto the pan sliders located on the side of the frame, underneath the seat. This can be done by sliding the pan in and out from rear of the shower chair, aligning it with the sliders on the seat, as shown below in Figures Fig. 5.4-1, Fig. 5.4-2, and Fig. 5.4-3. Before inserting, remember to remove the lid and store in a suitable location.

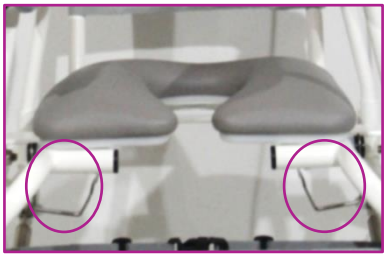


Fig. 5.4-1

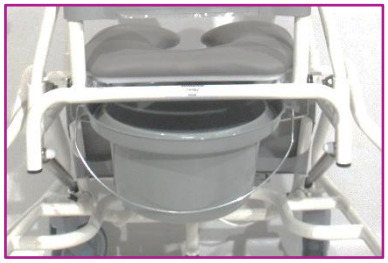


Fig. 5.4-2



Fig. 5.4-3

5.5 How to use the Harnesses

a. After attaching the harness to the chair, please consult section 4 accessory attachment instructions.
b. Customise the strap adjustments on the harness to ensure a comfortable fit for the user.
c. Once the necessary adjustments have been made, secure in place by fastening the buckles together, with the comfort pad underneath shown below in Fig. 5.5-1 and Fig. 5.5-2.



Fig. 5.5-1



Fig. 5.5-2

5.6 How to use and adjust the waist straps

a. Once the straps have been attached to the frame, please consult section 4 accessory attachment instructions.
b. Gently loosen the adjustment straps to enable the buckles to come together while the user is seated in the chair, as shown below in Fig. 5.6-1.
c. After making the required adjustments, firmly secure by fastening the buckles together, as shown below in Fig. 5.6-2.
d. Tighten the adjustment strap to achieve a comfortable fit for the user, as shown below in Fig. 5.6-3.



Fig. 5.6 -1



Fig. 5.6-2



Fig. 5.6-3

5.7 How to use and adjust the pelvic straps

a. Once the straps have been attached to the frame, please consult section 4 accessory attachment instructions.
b. Gently loosen the adjustment straps to enable the buckles to come together while the user is seated in the chair.
c. After making the required adjustments, firmly secure by fastening the buckles together, with the comfort pad underneath as shown below in Fig. 5.7-1 and Fig.5.7-2.



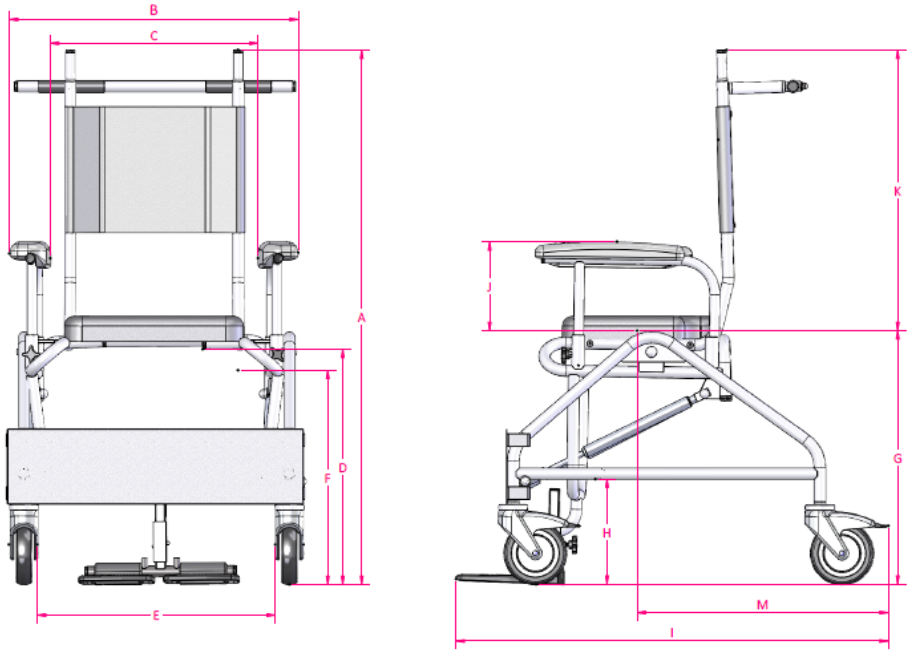
Fig. 5.7-1



Fig. 5.7-2

6 Technical Specification

6.1 Shower Chair Frame Dimensions



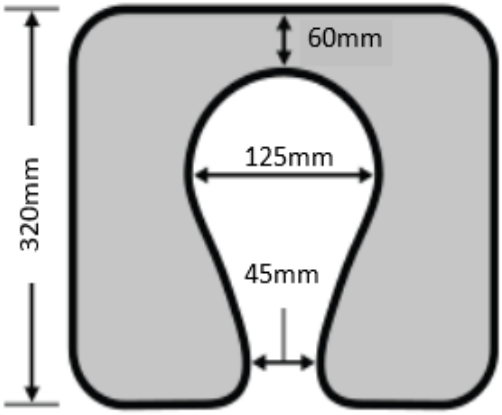
T80 Paediatric Specification – millimetre			
Dimensions (Ref to drawing)		**T80P Standard**	**T80P COM**
A – Maximum Height		1024	1024
B – Maximum Width		560	560
C – Internal Armrest Width		400	400
D – Internal Height Clearance		470	470
E –Internal Width Clearance		500	500
F – Toilet Height Clearance with Pan Sliders		445	445
G – Floor to Seat Height		570	570
H – Ground Clearance		210	210
I – Maximum Length (Including Footrest)	Upright Position	760	760
	Full Reclined Position	1060	1060
J – Seat to Armrest Height		160	160
K – Seat to backrest Height		510	510
L – Seat Depth		320	320
M – Centre of Seat to Rear of Castor		350	350
Turning Circle	Upright Position	950	950
	Full Reclined Position	1100	1100
Castor Size		125	125
Footrest Adjustment		80	80

T80P Weight Specifications		
	T80P Standard	**T80P COM**
Safe Working Load (SWL)	160kg	160kg
Commode SWL (Capacity)	4L	4L
Product & Packaging Weight	18kg	18kg
Product Weight	16.7kg	16.7kg

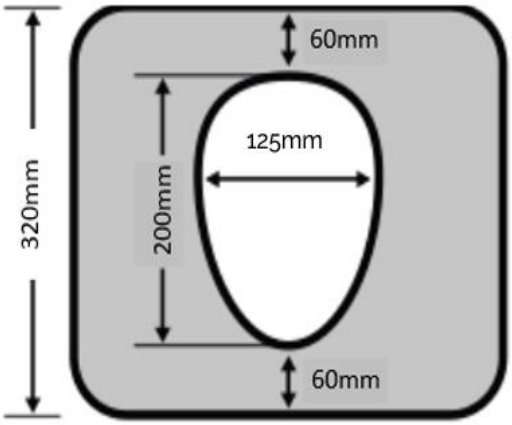
Table 6.1-1

6.2 Shower Chair Aperture Dimensions

Horseshoe Aperture



Full Ring Aperture



7 Environmental Conditions

The sections below will give detailed information regarding the environmental conditions the product should maintain throughout its life cycle. Failure to adhere to these conditions may negatively impact the function of the product. If you are unsure of any environmental conditions, always seek advice.

7.1 Operating Environment

The shower chair is intended to be used in both dry and wet environments, with its primary use being in shower rooms. The shower chair is intended for internal use only.

The shower chair is intended to be used within a professional healthcare facility or home healthcare environment. The shower chair is not suitable for any other environment.

The shower chair is not intended to be used in environments where there are rapid changes in the environmental temperature and humidity.

7.1.1 Normal Operating Conditions

+5˚C to +40˚C (41˚F to 104˚F) at a relative humidity between 15% to 90% RH, non-condensing but not requiring a water vapour pressure greater than 50hPa and atmospheric pressure between 700hPa to 1060hPa.

7.2 Storage Conditions

The shower chair is intended for internal storage within normal environmental conditions. The shower chair is intended to be stored in a dry room.
It is not intended to be stored in environments where there are rapid changes in the environmental temperature.
When storing the chair, ensure that the product has been cleaned and dried. For further information, refer to the section 8 cleaning instructions.

7.2.1 Shipping and Storage Conditions

-25˚C to +5˚C (-13°F to 41°F) with any humidity level.
+5˚C to +35˚C (41˚F to 95˚F) at a relative humidity up to 90%.
+35˚C to 70˚C non-condensing at a water vapour pressure up to 50hPa.

8 Daily Checks

Inspection is to be completed prior to each use by the user of the shower chair.

Should any of the components in the table below fail the inspection, DO NOT use the shower chair. Contact your local authorised dealer for service – contact details are on the last page of this manual.

Ensure all component inspections in the table below are completed prior to each use of the shower chair.

Check list before use:

Component	Service/inspection required
Generic	Visual inspection of the external of the shower chair. Significant damage that may affect the shower chair's function and a clear safety hazard is unacceptable.
	Check the product labelling to ensure they are all still legible. This includes the serial number and other important markings. If labels are not legible, then contact your local authorised dealer immediately.
	Check all main nuts and bolts to see if they are loose. If they are not tight or you have concerns, then contact your local authorised dealer immediately.
Seat	Inspect the seat for any damage including tears and excessive wear. If the integrity of the seat is compromised, it should be replaced.
	Ensure that the seat is fixed onto the frame correctly. See section 4 assembly instructions for guidance.
Backrest	Ensure that the vinyl backrest shows no sign of tears or excessive wear. If the integrity of the backrest is compromised, the chair should not be used, and the backrest must be replaced.
Armrest	Inspect the armrest for any damage including tears and excessive wear. If the integrity is compromised it should be replaced.
	Ensure that the armrest is fixed onto the frame correctly. See Section 4 assembly instructions for guidance.
Brakes	Ensure the brakes function when activated.
	Ensure the product can move freely when the brakes are deactivated. (Ensure they are not rubbing on the wheels).
Castors	Examine the products' castors for signs of damage or wear, ensuring they run freely and are not cracked.
	Check the castor fixings for hair and dirt etc., as a build-up can restrict the castor movement.
	Check to see all castors are flat on the floor and shower chair is stable.
	Ensure the product can rotate freely with ease.

Table 8-1

9 Cleaning

To reduce the risk of cross-contamination it is recommended to clean the shower chair and accessories before use by a different person.

Please follow the recommended cleaning guidelines below on cleaning and disinfecting the shower chair.

9.1 Metal Frame Cleaning

The metal frames of the chairs are powder-coated with a coating containing a silver anti-microbial additive. The coating provides increased scuff and abrasion resistance compared to conventional paint, which will help protect the product from rust etc., while reducing the levels of MRSA bacteria by at least 99.99%.

For mild cleaning, the frames can be cleaned using a damp cloth, soap/water, and antibacterial spray. For a deeper clean, a low-pressure steam cleaner can also be used. Do not use a steam cleaner at high pressure, as this could damage the powder coating and labels. Do not use industrial bleaches, abrasive cleaners, or organic solvents.

All cleaning solutions must be thoroughly rinsed off the product at the end of the cleaning process and the product dried using a dry cloth/towel. Always ensure the product is dry before use.

9.2 Fabric Cleaning

The vinyl is a hardwearing, waterproof, and enduring material which provides MRSA bacteria resistance. This material is found on the seat and backrest.

The Dartex material is an alternative material which provides waterproof properties, along with featuring multi-directional stretch for pressure redistribution. The Dartex includes anti-mycotic protection which is impenetrable for bacteria and viruses.

Both materials can be wiped down using a damp cloth to remove any mild dirt, dust, and minor spillages. When a spillage occurs, it is recommended that it be cleaned as quickly as possible to avoid any staining; it is good practice to dab the spillage and not to rub it as this could cause staining. For more persistent stains and dirt, hot water with an antibacterial spray can also be used.

All cleaning solutions must be thoroughly rinsed off the product at the end of the cleaning process and dried using a dry cloth/towel. Always ensure the product is dry before use.

9.3 Disinfecting (if necessary)

Should the shower chair require a more thorough cleaning, the use of the Actichlor™ disinfectant product (which is widely available in tablet form and used throughout the healthcare industry) is recommended.

Follow the manufacturer's safety instructions for the use of this cleaning product before use to ensure safe use for the operator and the user.
Ensure the cloth is damp before the cleaning process.

Application is through a clean damp cloth applied to wipe the product down. Use in the following dilutions to ensure an effective clean:

- Actichlor™ dissolvable chlorine tablets provide a concentration of 1000 ppm of available chlorine (0.1%) per 1 tablet.
- 1 tablet (1.7g formed tablet (x1)) will create a virucidal solution, diluted in 1 litre of water to provide effective means to clean a "dirty" product. This is also ideal for use after an outbreak of the Norovirus/winter vomiting and can be used as a precaution against C.Diff. It is effective against viruses, bacteria, spores, yeasts, and moulds.

- A minimum of 5 minutes contact time with the outer components is recommended to prevent virucidal infections, whilst maintaining the integrity of the product. The product can withstand a longer contact period, however a minimum of 5 minutes is required to provide an effective cleaning regime.
- Blood spills should be dealt with by an increased concentration of the solution – please refer to the instructions on the manufacturer's product labelling.

Dilution chart					
Product used as	**Product condition**	**Concentration (ppm)**	**Dilution qty* (l)**	**Tablets per 1l (0.26gal)**	**Contact time (minutes)**
Bactericidal	Clean	200	5 (1.32gal)	1	1
	Dirty	1000	1 (0.26gal)	1	5
Yeasticidal	Clean	200	5 (1.32gal)	1	1
	Dirty	1000	1 (0.26gal)	1	5
Fungicidal	Clean	2000	1 (0.26gal)	2	15
	Dirty	5000	1 (0.26gal)	5	15
Mycrobactericidal	Clean	1000	1 (0.26gal)	1	15
	Dirty	5000	1 (0.26gal)	5	15
Virucidal	Clean	500	2 (0.53gal)	1	5
	Dirty	1000	1 (0.26gal)	1	5
Sporcidal (C. Diff)	Clean	1000	1 (0.26gal)	1	10
	-	-	-	-	-
Sporcidal	Clean	5000	1 (0.26gal)	5	10
	-	-	-	-	-

- Dilution is made with water. DO NOT dilute within any other medium.
- When diluted in water, one tablet gives 1000ppm of available chlorine.
- The concentration of the solution depends upon whether the object being cleaned is noticeably dirty (indicated in the table by "Product condition."

Table 9.3-1

Handling and storage safety precautions when using this cleaning agent:		
Advice on Safe Handling	**Hygiene Measures**	**Conditions for Safe Storage**
Avoid contact with skin and eyes. Do not breathe dust, fumes, gas, mist, vapours, spray. Use only with adequate ventilation. Wash hands thoroughly after handling. Mixing this product with acid or ammonia releases chlorine gas.	Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands, and any exposed skin thoroughly after handling.	Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers. Storage temperature: 0-25˚C (32-77˚F).
Individual Protective Measures	**Dissolve**	
Hand protection: Gloves	Dissolve in cold water – With no agitation, 1 tablet will take approximately 10 minutes to fully dissolve in the water used.	
The information above has been extracted from the Actichlor™ MSDS (Manufacturers Safety Data Sheet). For a full review of the data please follow the link below: http://www.nhsggc.org.uk/media/236215/msds-actichlor-plus.pdf		

Table 9.3-2

10 Servicing

Regular servicing on the shower chair will help prevent breakdowns and reduce repair costs. It will also improve the quality of the product for the end users.

To reduce the risk of injury, no service is to be carried out on the shower chair while in use.
Service must be completed by an authorised service engineer only.
Do not attempt to service the product yourself; this will void your warranty.

To ensure the safety and continued good function of your shower chair, it is recommended to have an approved service engineer perform a routine service every 12 months, this will ensure that the product meets the required standards. It is important to document the service history of the product in the service log located at the back of this user manual after each service.

When the product is serviced, the service checklist must be completed.
Service Manual Document Number: 995176.

For information regarding spare parts, refer to the spare parts manual.
Spare Parts Manual Document Number: 992176.

Contact your local authorised dealer if you:

- Need more information.
- Have any questions about the use or service of your shower chair.
- Notice any change in the performance.
- Want to report an unexpected occurrence.
- Want to arrange a service.
- Need to ascertain necessary information for replacement parts and components.

The expected product lifetime is **10 years**. This is dependent on usage and compliance with maintenance. Regular service on the product will increase the expected lifetime.

11 Troubleshooting

Should a problem arise with the use of the shower chair, review the Table below.

Find the fault and complete the recommended solution. If the fault is not listed below or the solution does not correct the problem, contact your local authorised dealer immediately – contact details are provided on the last page of this manual.

Fault	Action
Castors do not operate	Ensure the brake has been fully disengaged. Check that the castors are running freely and are level. Check the castors are not fouled with debris that would restrict their movement (clean out, test, and return to service). If this does not correct the fault, then contact your local authorised dealer immediately so the product can be checked to ensure proper continued operation.
Brakes do not operate	Ensure that the brake mechanism is fully engaged. Check to see that all castors are touching the ground. If this does not correct the fault, then contact your local authorised dealer immediately so the product can be checked to ensure proper continued operation.
Backrest does not keep its reclined position.	Check for obstructions around the chair preventing the backrest from reclining and remove them. Verify the safe working load (SWL) has not been exceeded, as this will affect the backrest mechanism. Inspect the handle lever to ensure it is released. Check the cables are not broken or crushed. If any of the components are damaged or the fault is not corrected, contact your local authorised dealer to have the product checked to ensure proper continued operation.
Footrest adjustment does not hold	If the footrest adjustment does not operate, check the star handle is tight; it may be that the thread has been stripped in the attachment point. If so, contact your local authorised dealer immediately so the product can be checked to ensure proper continued operation.

Table 11-1

12 Disposal

With efforts to improve the environment and reduce waste, where possible our products have been manufactured with recyclable materials. Below are our guidelines on recyclable materials and being environmentally friendly.

Please observe the local laws on recycling and respect the current laws for disposal within the community the product is being used within. If there is any uncertainty of the below guidelines, contact your local authorities to determine the proper method of disposal of potentially biohazardous parts and accessories.

Table 12-1

Fully Recyclables	Consideration when Recycling
All steel framework	Seats
Castors	Rubber handlebar covers
Initial packaging of the product (cardboard)	Plastic fixings
Metallic fixings – screws etc.	Harnesses + Belts
	Gas Strut

When the shower chair has completed its life cycle and can no longer perform to its intended use safely, the product should be decommissioned by an approved Service Engineer.



The product may be contaminated and must be disinfected before recycling or disposal. See section on 'Cleaning' for details of how to do this

13 Warranty

It is impossible for all the risks to be eliminated from use of this product, but to reduce risk and improve safe and proper use, the user should always read and understand the user manual before use. Product failure may occur due to lack of maintenance and care, misuse, unauthorised and improper servicing or alterations, improper storage, and environmental use, or through normal use wear and tear. These factors are all beyond the control from the manufacturer. These risks are taken on by the users.

Once registered, the manufacturer will provide a 5-year warranty period for the steelwork and 1-year warranty for all other products against all manufactured defects to the registered customer. The warranty is valid if the product has maintained its intended use and the user manual instructions have been followed. The warranty will not extend to the use of the product when used contrary to the user manual. This guarantee does not affect or in any way limit your statutory rights.

.

1. The liability of the manufacturer under the terms of this guarantee shall be limited to the replacement of the defective part(s) to the sales distributor, dealer, agent, person, or entity which purchased the equipment from the manufacturer. In no event shall the manufacturer incur liability for any consequential or unforeseeable losses.

2. This equipment guarantee shall be void if the equipment is not serviced by Prism Medical UK or its authorised service engineers, in accordance with the manufacturer's recommendations, or if any unauthorised persons carry out work on the equipment.

3. This guarantee does not apply to failure attributable to normal wear and tear, damage by natural forces, user neglect or misuse or deliberate destruction.

4. Do not attempt to service the product yourself, or the warranty is void.

14 Service Record History

Complete this section after each service, repair inspection and/or maintenance.

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	
Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	
Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	
Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	
Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

Date:	Time:
Service Type: Service Inspection ☐ Repair ☐ Other ☐	
Completed By: ..... (Printed name) ..... (Signature) Company:	
Remarks & Actions Taken:	
Product Left in A Safe & Usable Condition: Yes ☐ No ☐ (if no explain in actions above)	

User notes:

Dealer/service contact details:

Manufacturer contact details:

Prism Medical UK
Unit 1, Tir Llwyd Industrial Estate,
St Asaph Avenue, Kinmel Bay,
Conwy, United Kingdom, LL18 5JZ

Telephone Number: 01924 840100

Disclaimer

While every effort has been made to ensure the accuracy of information contained in this user manual, no liability can be accepted by Prism Medical UK for any errors or omissions. Prism Medical UK operates a policy of continuous improvement. Specifications and other data are subject to change without notice.

www.prismmedical.co.uk