

FREEWAY

Raiser



User Manual

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Symbols in use Index



Warning – Consult instructions for use



Caution – pinch point



Manufacturer



Two-person lift may be required



Refer to user manual



Date of manufacture



Serial number



CAUTION: DO NOT ATTEMPT TO USE THIS EQUIPMENT WITHOUT FIRST UNDERSTANDING THE CONTENTS OF THIS MANUAL.

1. Introduction

Before using this equipment, and to ensure the safe operation of your raiser, carefully read this entire manual, especially the section on “Cautions”.

The raiser is designed to be used in conjunction with Prism Medical UK accessories and slings although other manufacturers slings can be used following a risk assessment.

Please refer to any user guides supplied with these components and refer to them while reviewing this manual.

Should any questions arise from reviewing this manual contact your local authorised Prism Medical UK Representative.

Failure to comply with warnings in this manual may result in injury to either the operator, or the individual being raised/transferred. Damage to the device and/or related components may also occur. Be sure that the contents of this manual are completely understood prior to using this device.

Store this manual with the documents included with the device and sling(s). Contents of this manual are subject to change without prior written notice.

2. Contraindications

There are no known “contraindications” associated with the usage of the raiser and its accessories, provided they are used a per 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.

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

It is however, “obligatory” that a client that is assessed as being an independent user of our technology have the ability to receive assistance, during the transfer, in the event of a malfunction or personal concern.

This assistance can be provided in the form of; a nearby qualified caregiver, a phone, a communication device etc.

3. Intended use / Overview of the S-Series of Mobile Hoists

The Freeway Raiser is a sit to stand platform, which is designed to provide an active, safe and comfortable transfer of the user. It is ideal for short distance transfers, such as to/from bed to chair.

Its versatility allows use with wheelchairs, toilet and shower chairs. Soft and wide padding in the leg support improves stability, and the sturdy handle offers many grip options for both the user and the carer.

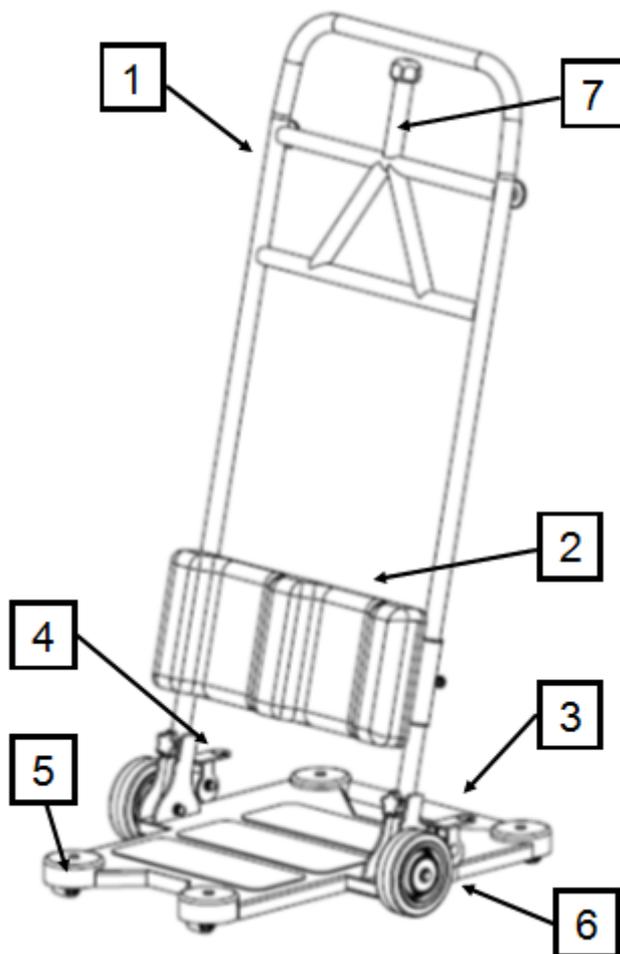
The rear wheels with independent locking manual brakes, makes it easy for a carer to manoeuvre, and provides maximum stability and safety for the user. The Freeway Raiser has a safe working load of 160 kg.

- Helps to assist a user with sit to stand transfers
- Maximum user weight: 160 kg (25 stone)
- Lightweight and easy to manoeuvre
- Padded leg support for added comfort
- Multiple grip options for both user and carer
- Raiser Strap & Safety Belt available to enable a carer to assist a user to their feet
- Independent locking rear brakes

4. Freeway raiser components

Please familiarise yourself with the components of the device by referring to the diagram on the next page.

Model table for the Freeway Raiser	
Product code	Product description
Raiser	Freeway Raiser (160kg)



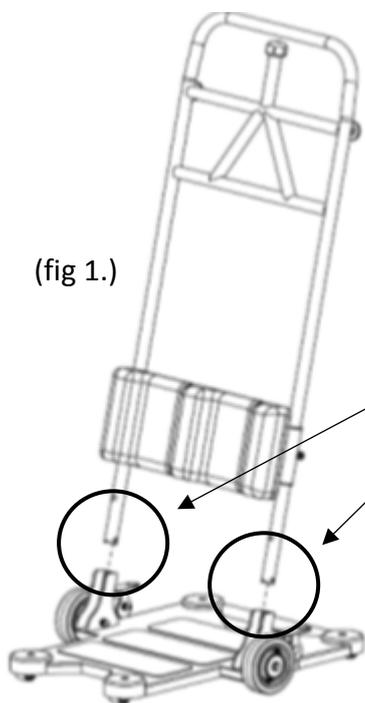
Description

1. Handle frame
2. Leg support
3. Chassis and footplate
4. Brake
5. Castor
6. Wheel
7. Centre Vertical Handle

The contents of the device can be determined from the image above

5. Assembly instructions

Place the handle in the brackets as shown in (fig 1.) Below.



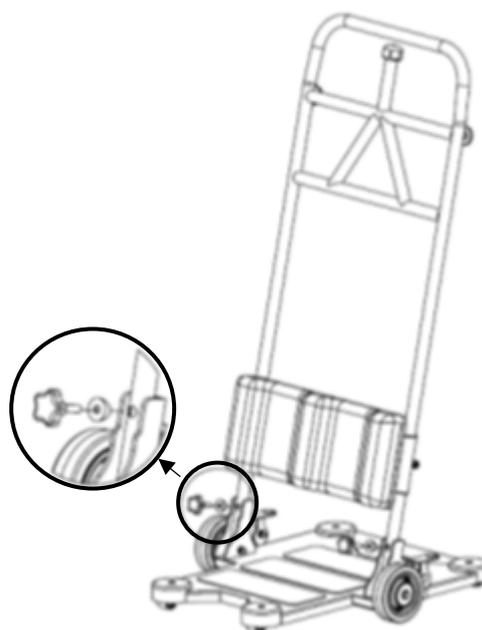
(fig 1.)

With the handle and brackets aligned, press home until fully inserted – see the next step in (fig 2.) below



Caution – care required to not trap fingers when applying the two parts together

Lock the handle to the base assembly using two M8 hand nuts and scalloped nylon washers as shown in (fig 2.) opposite



(fig 2.)



SAFETY NOTE: Some of the parts may be heavy and will need to be lifted with care. Heavier items may need two people to lift. (Please refer to technical specifications on page 13)

6. Operating instructions

This equipment should only be used by a suitably trained person.

It is important that prior to using the Freeway Raiser, a thorough risk assessment has been carried out with the individual user and for the intended transfer.

We would recommend the use of safety belts or straps for all transfers.

6.1 Standing a user who requires no assistance.

- a. The user's feet should be placed on the footplate.
- b. Adjust the height of the padded leg support so that the top of the pad sits just below the user's knee.
- c. Apply the brakes to both wheels by pressing down the brake levers on both sides. These are clearly marked with red indicating that the brakes are on and green showing that the brakes are off.



The wheels must always be locked whilst the user is in the process of standing or sitting.



The caregiver must always counterbalance the raiser during the standing/sitting process. This can be done by placing one foot on the back of the footplate, holding the top of the unit steady with one hand or both options together.

- d. The user can now be encouraged to lean forward and take hold of the handle frame. The caregiver should give clear instructions to the user telling them to stand whilst they are counterbalancing the raiser.
- e. Once the user is stood the caregiver may release the brakes with one foot. Pull the Freeway Raiser backwards and then steer it toward the new seating position.
- f. Make sure that both wheels are locked again before allowing the user to sit.



The transfer is best done with the user faced in the direction of travel.



The raiser is recommended for short distance transfers although a suitable risk assessment should be carried out to determine what is considered to be a safe distance for a user and the environment.

6.2 Standing a user who requires assistance with the Freeway Ladder Belt

The ladder belt is connected to the disc attachment on one side of the raiser. The sleeve of the ladder belt is then placed behind the user's bottom.

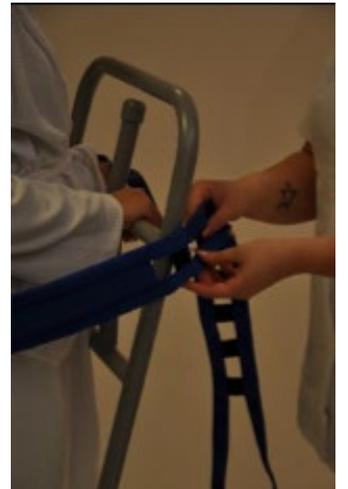
The caregiver can encourage/assist the user to stand themselves by pulling on the opposite side of the ladder belt.



The user must have the ability to stand by themselves. The belt is a support aid.

When the user is in a standing position, the ladder belt can then be attached to the second disc attachment.

Two caregivers can provide assistance when the user needs more help with standing up.



The caregiver must always counterbalance the raiser during the standing /sitting process.

This can be done by placing one foot on the back of the footplate, holding the top of the unit steady with one hand or both options together.



6.3 Standing a user who requires assistance with the Freeway safety belt



The Freeway Safety Belt should be fitted to the user prior to assisting with the stand. Refer to the sling user guide.

Place the belt around the user's waist, ensuring the elasticated section is placed on the user's lumbar spine and the solid section is placed under the user's coccyx. Fasten in place using the Velcro straps and adjustable buckle fastening support belt (ensure support belt is at maximum length)



The user can now be stood following the process in the "operating instructions "

Once the user is stood, the buckle fastening support belt can be passed through the opening in the centre vertical handle and adjusted to provide optimum support during the transfer



7. Compatible Belt Types



Freeway ladder belt



Freeway safety belt

8. Safety Precautions



Please read and follow the safety precautions listed below. The operation and the use of the Freeway Raiser is straightforward. These basic safety precautions will help make transfer operations easy and trouble free.

ALWAYS carry out the DAILY CHECK LIST (next section) before using the Raiser.

ALWAYS conduct a risk assessment to plan your transfer operations before commencing.

ALWAYS read this manual and familiarise yourself with the operating and safety features of the Raiser before transferring a patient.

ALWAYS check the sling is suitable for the particular patient and is of the correct size and capacity.

ALWAYS fit the sling according to the instructions in the user manual.

ALWAYS check that the safe working load of the Raiser is suitable for the weight of the patient.

ALWAYS carry out transfers according to the instructions in the user manual.

ALWAYS apply the brakes when parking a Raiser.

ALWAYS manoeuvre the Raiser with the handle provided.

NEVER push a loaded Raiser at speeds which exceed a slow walking pace.

NEVER use a sling unless it is recommended for use with the Raiser.

NEVER push the Raiser over uneven or rough ground, particularly if loaded.

NEVER attempt to push or pull a loaded Raiser over a floor obstruction which the castors are unable to ride over easily.

NEVER bump the Raiser down steps, loaded or unloaded, this will damage the Castors

NEVER use a sling which is frayed or damaged.

NEVER transfer a patient on to a Raiser without applying the brakes

NEVER transfer a patient on a Raiser if they cannot support their own body weight

YOUR Raiser is for a patient transfer. **DO NOT** use it, or allow it to be used, for any other purpose.

9. Safety Check List



The following checks are those recommended by Freeway and are supplementary to requirements that may be applicable for current Lifting and Handling and other Health and Safety regulations.

9.1 Daily Check List:

The following checks should be carried out daily before using the Raiser:

- Make sure the Raiser moves freely on its castors
- Examine the sling hooks on the handle bar for excessive wear
- Make sure the handle is fully engaged and the locking nuts are fully tightened
- Examine slings for fraying or other damage. DO NOT use sling with fraying or damage to the suspension straps or tears in the body of the sling
- Make sure the knee pad is fully engaged
- Check the brakes engage and disengage correctly

9.2 Warning Notes



ALL OPERATORS should have read the operating instructions and appreciate this warning section.

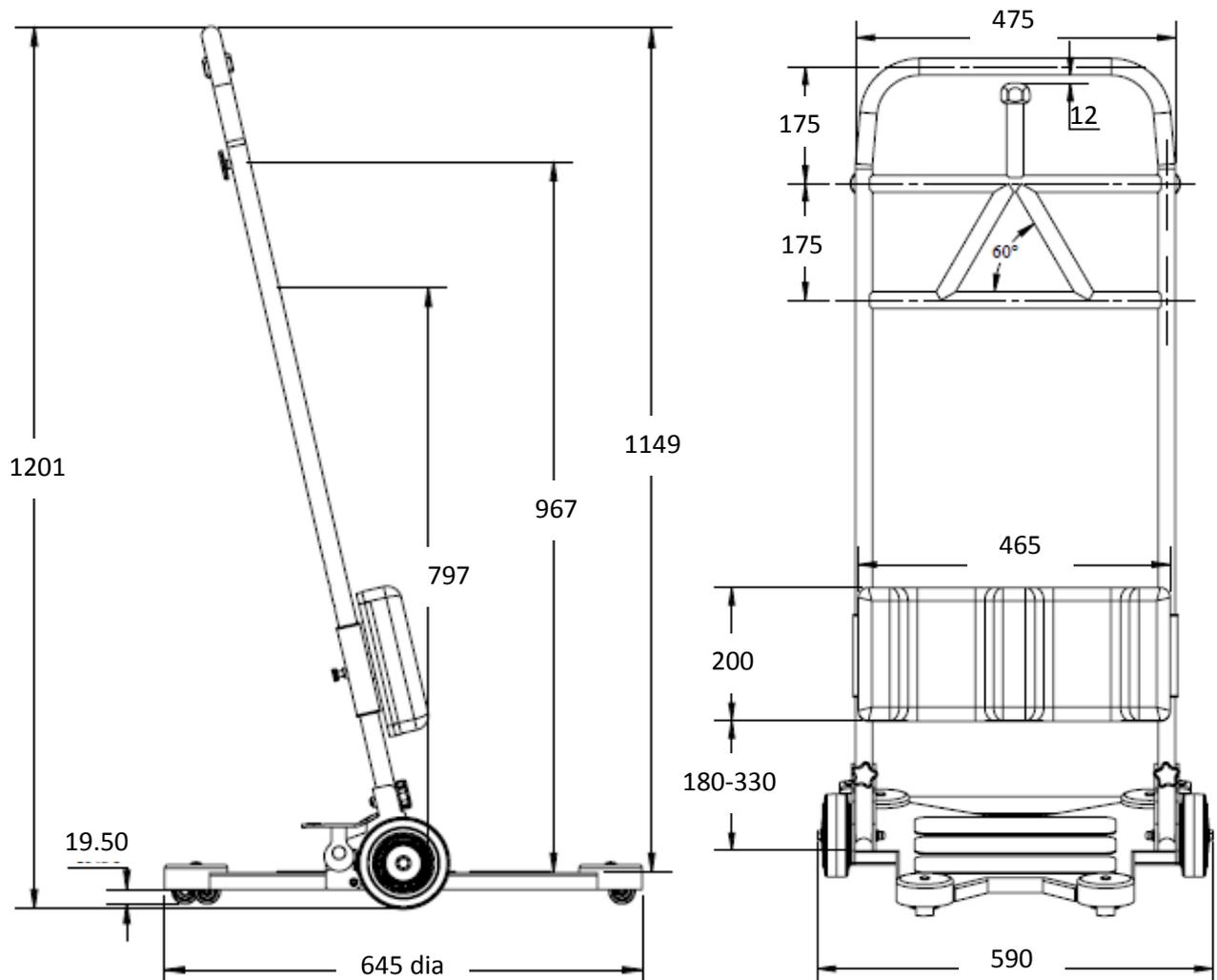
1. ALL RAISERS are less stable on sloping surfaces. A 5-degree slope is the maximum permitted and then only with great care.
2. ALL RAISERS are less stable when the load is moving.
3. ALL RAISERS are dangerous to the person being transferred when used recklessly or pushed at speed.

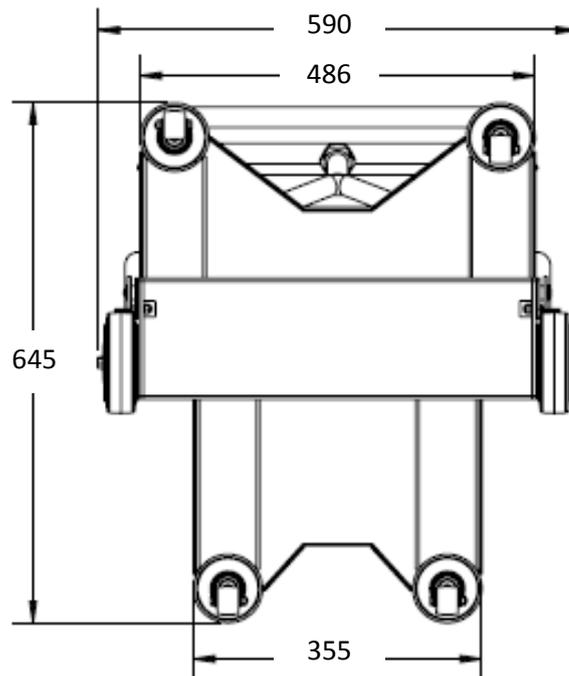
10. Technical Specification

10.1 – Dimensions and Weights

Model Specification (All dimensions in mm and Kg)	Raiser
Maximum weight capacity	160kg
Turning radius	360degree
Overall height	1201 mm
Ground clearance	19.50mm
Front and rear castors	35mm
Wheels	125mm
Weights	
Handle	6.5kg
Base assembly	12.5kg
Assembled unit	19kg

10.2 – Raiser dimensions





11. Fault finding

If the castors do not operate: -

- Ensure the brake has been fully disengaged
- Check the castors are free running
- Check the castors are touching the ground

If the above checks prove unsuccessful, contact the service department of your nearest FREEWAY APPROVED AGENT

12. Recommended Cleaning Instruction

General cleaning

The exterior of the Raiser can be cleaned using a damp soapy cloth for general cleaning duties. Ensure the exterior of the device is dry after cleaning, dry using a clean dry cloth.

Disinfecting (if necessary)

Should the Raiser require a more thorough clean, the use of the Actichlor disinfectant product, which is widely available in tablet form and used throughout the healthcare industry, is recommended for use to ensure a thorough clean.



- Please follow the manufacturers safety instruction for the use of the cleaning product before use to ensure safe use for the operator and the patient.

Application is through a clean soaked (but damp) cloth applied to wipe the device down

Used 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” device. 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.
- The contact time against the outer components of the device should be for 5 minutes to prevent any virucidal infections without a degradation to the functionality of the device. 5 minutes is a recommended contact time. The device can withstand a longer contact period but the 5 minute recommendation as a minimum must be followed 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 manufacturers product labelling.

(recommended cleaning instruction...continued)

Concentration limits for differing cleans will be shown on the manufacturers Aichtochlor tablet container, however, this is reflected in the table below:

Dilution chart					
Product used as:	Device condition	Concentration (ppm)	Dilution qty *	Tablets per litre	Contact time
Bactericidal	Clean	200	5 litre	1	1 minute
	Dirty	1000	1 litre	1	5 minutes
Yeasticidal	Clean	200	5 litre	1	1 minute
	Dirty	1000	1 litre	1	5 minutes
Fungicidal	Clean	2000	1 litre	2	15 minutes
	Dirty	5000	1 litre	5	15 minutes
Mycobactericidal	Clean	1000	1 litre	1	15 minutes
	Dirty	5000	1 litre	5	15 minutes
Virucidal	Clean	500	2 litre	1	5 minutes
	Dirty	1000	1 litre	1	5 minutes
Sporcidal (C.Diff)	Clean	1000	1 litre	1	10 minutes
Sporicidal	Clean	5000	1 litre	5	10 minutes

* Dilution is made within water

- When diluted in water, one tablet gives 1000 ppm of available chlorine **DO NOT** dilute within any other medium
- The concentration of the solution depends upon whether the device being cleaned is noticeably dirty or not (indicated in the table by "Device Condition")

Safety precautions when using this cleaning agent

Handling and Storage:

Advice on Safe Handling



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

Hygiene Measures

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.

(recommended cleaning instruction...continued)

Conditions for safe storage, including and incompatibilities



- Keep out of reach of children
- Keep container tightly closed
- Store in suitable labelled containers
- Storage temperature: 0°C to 25°C

Individual protective measures:

- Hand protection: Gloves

Dissolve

Dissolve in cold water – With no agitation, 1 tablet will take approx. 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>

13. Guarantee

This guarantee does not affect or in any way limit your Statutory Rights

1. Prism Medical UK guarantees the Freeway Raiser, supplied as new, against failure within the period of twenty-four months from the date of purchase by virtue of defects in material or workmanship.
2. The liability of Prism Medical UK under terms of this guarantee shall be limited to the replacement or the defective part (s) to the sales distributor, dealer, agent, person or entity which purchased the equipment from Prism Medical UK. In no event shall Prism Medical UK incur liability for any consequential or unforeseeable losses.
3. This equipment guarantee shall be void if the equipment is not serviced by Prism Medical UK or its authorised agents, in accordance with manufacturer's recommendations, or if any unauthorised persons carry out work on the equipment.
4. This guarantee does not apply to failure attributable to normal wear and tear, damage by natural forces, user neglect or misuse or to deliberate destruction.

14. Standards Applied

The standards that have been applied to the device are as follows:

- BS EN ISO 10535
Hoists for the transfer of disabled persons. Requirements and test methods

15. Service Record History

15.1 Initial Information

Complete the following section on Purchase and Service Information as soon as this equipment is purchased.

- Use the service record history to record to any completed service and repairs.
- Ensure that the service record is signed and dated each time it is used.
- Be sure to have this piece of equipment serviced on a regular basis as described in the General Inspection and Maintenance Section.
- Be sure to have this piece of equipment serviced on a regular basis (6 monthly where LOLER applies).

Purchase Information

Product name: Raiser **Model:**

Date of purchase: **Serial No.:**

Purchased from:

Address:

City: **Postal code:**

Telephone number:

Comments:

Contact the following company for service

Company:

Address:

City: **Postal code:**

Telephone number:

Comments:

15.2 Service Record History

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

* Photocopy additional pages as required*

Date: _____		Time: _____			
Service Type: <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Monthly inspection <input type="checkbox"/> 6-month inspection <input type="checkbox"/> Repair <input type="checkbox"/> Yearly inspection <input type="checkbox"/> Other					
Completed by:		(printed name).		(signature)	
Company:					
Remarks & Action Taken:					
Device left in a safe usable condition: YES. <input type="checkbox"/> NO <input type="checkbox"/> (if "NO" explain in remarks the action taken)					

Date: _____		Time: _____			
Service Type: <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Monthly inspection <input type="checkbox"/> 6-month inspection <input type="checkbox"/> Repair <input type="checkbox"/> Yearly inspection <input type="checkbox"/> Other					
Completed by:		(printed name).		(signature)	
Company:					
Remarks & Action Taken:					
Device left in a safe usable condition: YES. <input type="checkbox"/> NO <input type="checkbox"/> (if "NO" explain in remarks the action taken)					

Date: _____		Time: _____			
Service Type: <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Monthly inspection <input type="checkbox"/> 6-month inspection <input type="checkbox"/> Repair <input type="checkbox"/> Yearly inspection <input type="checkbox"/> Other					
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Remarks & Action Taken:					
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Date: _____		Time: _____	
Service Type: <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Monthly inspection <input type="checkbox"/> 6-month inspection <input type="checkbox"/> Repair <input type="checkbox"/> Yearly inspection <input type="checkbox"/> Other			
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Date: _____		Time: _____	
Service Type: <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Monthly inspection <input type="checkbox"/> 6-month inspection <input type="checkbox"/> Repair <input type="checkbox"/> Yearly inspection <input type="checkbox"/> Other			
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Date: _____		Time: _____	
Service Type: <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Monthly inspection <input type="checkbox"/> 6-month inspection <input type="checkbox"/> Repair <input type="checkbox"/> Yearly inspection <input type="checkbox"/> Other			
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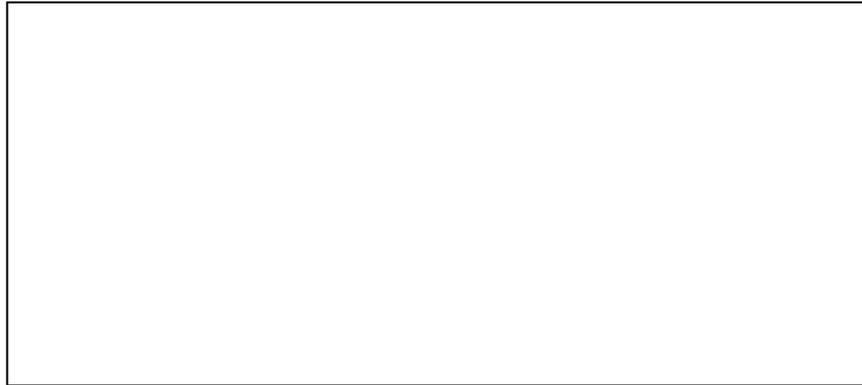
Date: _____		Time: _____	
Service Type: <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Monthly inspection <input type="checkbox"/> 6-month inspection <input type="checkbox"/> Repair <input type="checkbox"/> Yearly inspection <input type="checkbox"/> Other			
Completed by: (signature)	
Company:			
Remarks & Action Taken:			
Device left in a safe usable condition: YES. <input type="checkbox"/> NO <input type="checkbox"/> (if "NO" explain in remarks the action taken)			

User note:

PRISM MEDICAL UK



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