

Florien II

User Instructions



A DIRECT HEALTHCARE GROUP COMPANY

**Important: Read carefully.
Retain for future reference**

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1 Introduction to the Florien II Chair

1.1 What is the Florien II Chair?

The purpose of the Florien II chair is to provide simple yet effective postural seating that can meet a variety of user needs for those with moderate to severe seating difficulties and for those seated for lengthy periods.

1.2 Why is there a need for this type of chair?

The ability of a seated person to function efficiently and perform activities is dependent on their ability to adopt the appropriate posture. All activity is posture dependent. If a person cannot move or has problems adjusting their posture, it may be necessary to use seating to try to provide this postural positioning.

The Florien II helps fulfil the need to maintain an individual's seated posture yet re-orientate and redistribute pressure. This is achieved by using the tilt-in-space and legrest elevation properties that are key to the functionality of the Florien chairs.

2 Clinical Applications

2.1 Intended Use

The Florien II Chair is intended for the following user environments:

- Hospitals
- Nursing Homes
- Residential Care Homes
- Hospices
- Private Residences

2.2 Indications

The Florien II Chair is appropriate for the following users:

- Semi-ambulant and non-ambulant users who require assistance in getting in and out of the chair
- Users requiring moderate postural support
- Users that side transfer

- Users with low to medium risk of pressure sores (on chairs fitted with Reflexion™ seat foam)
- Users with high risk of pressure sores (on chairs fitted with Intelli-Gel® seat) following clinical assessment
- Users with moderate to severe cognitive impairment
- **Maximum user weight of 180 kg (28 st)**

2.3 Contra-indications

The Florien II chair is NOT suitable for the following users:

- Fully ambulant users (unless supervised by a care-giver and following clinical assessment)
- Users requiring significant postural support

3 Product Information

3.1 Features

- Tilt-in-space
- Legrest elevation
- Removable arms
- Articulated integral head support
- 25° negative legrest angle
- 3 Seat length positions

3.2 Options

- Reflexion™ Seat Cushion (built-in) (suitable for users with low – medium risk of pressure sores)
- Intelli-Gel® Seat Cushion (built-in) (suitable for users with high risk of pressure sores)
- Choice of seat width
- Large wheel option

The type of seat cushion can be identified from the product information label fastened to the underside of the legrest.

3.3 Accessories

- Flip-up footrest
- Adjustable lateral supports

- Directional Lock Castor
- Headrest
- Lap-Belts
- Pelvic Positioners
- Over Chair Tray
- Universal Tray

4 Guidelines for Best Practice

To ensure good practice when considering purchasing a Florien II chair and effective use post purchase we advise that the following guidelines are considered:

- Seek advice and input from a qualified therapist/professional and/or Kirton representative/distributor at the initial prescription of the chair.
- If unsure when ordering the chair and any accessories contact either the therapist involved, your Kirton representative, distributor or Kirton Customer Services Team on **Freephone 0800 212709 or +44 (0) 1440 705352**.
- All care-givers that will be supervising the user(s) should be trained in operating the chair to ensure correct positioning of the user is achieved.
- Users of the Florien II chair should be supervised and checked regularly to ensure their most appropriate position is maintained in the chair.

5 User Instructions

The purpose of the user instructions is to indicate the safe operation, adjustment and maintenance of the Florien II chair.

Please retain these instructions for future reference.

Safety related WARNINGS are included within the user instructions. Please refer to these before use.

5.1 General operation

Remove all packaging and covering materials. Locate the chair on a flat, stable surface. The chair should be tested before first use to ensure that all functions are working correctly.

In the event of any fault please contact your Kirton representative, distributor or Kirton Customer Services Team on **Freephone 0800 212709 or +44 (0) 1440 705352**.

WARNING: Do not exceed the maximum user weight of 180 kg (28 st).

WARNING: The user is at risk if the chair is not correctly specified at time of purchase and correctly adjusted by a qualified person.

WARNING: The chair is not suitable for use by children. Any children in the vicinity must be supervised at all times.

WARNING: Do not use this chair with users who exhibit violent behaviour unless a risk assessment has been carried out.

WARNING: Always ensure the user is regularly checked for safety and is not left unattended for long periods of time.

WARNING: Do not push the chair up or down steps or steep inclines as this could result in a loss of control.

WARNING: Avoid sitting on the arms as this can cause damage to the armrests.

WARNING: The chair should not be stored or used in damp environments.

5.2 Castors / Brakes

The Florien II chairs are fitted with four 100 mm castors with two swivel castors at the front and two locking castors (**red**) at the rear that will not roll or swivel when the brakes are activated.

- To **apply** the brakes on the rear castors, press down on the **red** front edge of the ridged pad on each wheel.
- To **unlock** the brakes on the braked wheels, push down the top edge of the **red** ridged pad until it is level with the rest of the wheel.



WARNING: Ensure the castor brakes are applied at all times when the user is left unattended in the chair.

WARNING: Ensure castor brakes are applied at all times when the user is getting in and out of the chair or being hoisted in or out of the chair.

WARNING: Always check that the castors are unlocked before moving the chair.

5.3 Adjusting the patient support surfaces

Most adjustments can be easily made with the user in the chair, however if you are unsure, please contact either your Kirton representative, distributor or Kirton Customer Services Team on **Freephone 0800 212709** or **+44 (0) 1440 705352**.

The chair has a range of independent adjustments, specifically:

- Tilt-in-Space
- Legrest Elevation
- Articulating Headrest

WARNING: The chair should only be operated by carers or a responsible person with knowledge of the safe operation of the chair.

WARNING: Ensure all chair adjustments are secure before leaving the user unattended.

WARNING: Always ensure that there is nothing to obstruct the free movement of the chair, for example children or pets, or solid objects: e.g.: a wall.

5.3.1 Tilt-in-Space



What is Tilt-in-Space?

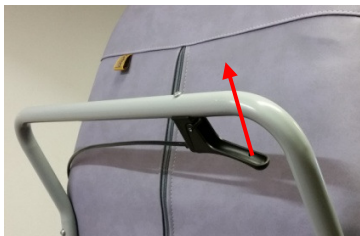
The main purpose of tilt-in-space positioning is to decrease the pressure in the buttocks area and to provide muscle relaxation in the lower part of the back.

Tilt-in-space is a pivoting system that provides a reclined, resting position whilst maintaining posture and pelvic stability.

Tilting the chair re-distributes the user's weight over a larger contact surface area, making a simple yet effective way to combat the build up of pressure in the buttocks area.

Operating the Tilt-in-Space

It is recommended that the tilt-in-space angle is changed at regular intervals to reduce the risk of the user developing pressure sores.



- Locate the lever on the right hand side of the push handle at the rear of the chair and squeeze towards the push handle to release the tilt lock.
- Apply firm downward pressure with both hands on the push handle to tilt the chair backwards, or lift the push handle upwards to raise the chair.
- At any point during the upward or downward tilt motion the lever can be released and the chair will lock in the selected position.

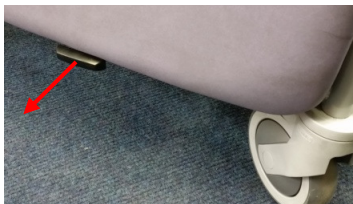
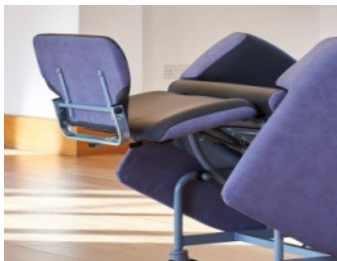
It is always advisable to adjust the positioning of the legrest once the tilt-in-space positioning has been chosen, to ensure a correct and comfortable posture.

WARNING: Never leave a user with poor postural sitting ability in a fully upright position without supervision as they may tip forwards and out of the chair.

It is recommended to use a lap belt or pelvic positioner (optional accessories) with users with poor postural sitting ability.

WARNING: Ensure the users hands are clear from the back of the chair whilst the chair is being tilted, to avoid any risk of pinching within the tilt mechanism.

5.3.2 Legrest Elevation



- Locate the legrest release lever at the bottom of the right hand arm (when viewed from the rear).
- The legrest can be elevated or retracted by pulling the lever whilst moving the legrest with the right hand, and then releasing the lever to lock the legrest in position.
- A negative angle can be achieved with the legrest to accommodate users with fixed contractures as well as to aid exiting the chair.
- Lower the legrest before returning the chair to its fully upright position to allow the user to stand up from the chair with ease.

WARNING: Do not sit on the legrest. The legrest is not designed to support the weight of an adult.

WARNING: When retracting the legrest, ensure the user's legs are in the middle of the legrest to avoid the risk of trapping the user's legs or feet between the legrest and chair frame.

WARNING: When retracting the legrest, keep hands clear of the seat cushion, to avoid any risk of pinching fingers.

WARNING: When lowering the legrest, or returning the chair from a tilted to

upright position, it is advisable to adjust the (optional) footrest to the shortest position or remove it entirely to prevent damage to the footrest or floor.

5.3.3 Articulating Headrest



The articulating headrest is an integral part of the back of the Florien II chair. The pivot point is located approximately 30cm (12 inches) from the top of the chair.

To adjust the headrest:

- Stand behind the chair and place one hand on the push handle. Use the other hand to push firmly on the top of the backrest forward until the headrest is in the desired position.
- The friction lock will ensure this position is maintained and will not move when the user is sat in the chair.

5.4 Removable Arms



The unique feature of the Florien chairs is the removable arms to enable either side transfer or facilitate easy hoist access.

To remove the arms:

- If the chair is tilted, first return the chair to an upright position.
- If lateral supports are being used these should be removed from the chair.
- Stand at the side of the chair and hold the arm at the rear corner and the front where the arm meets the seat.
- Lift the arm up gently and away from the chair.

To replace the arms:

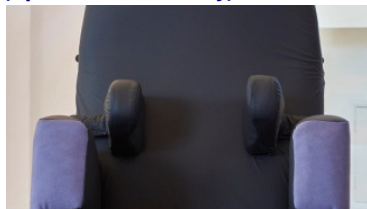
- Pick up the removed arm, holding it at the rear corner and the front where the arm meets the seat.
- Stand at the side of the chair and position the arm so it rests above the seat cushion.
- Guide the metal plate on the inside of the arm onto the metal bracket next to the seat cushion and push down firmly.
- The back of the arm should line up closely to the backrest and the front of the arm should meet the top of the seat.

WARNING: Use a transfer board or slide when transferring a patient sideways, to prevent risk of injury to the chair user.

WARNING: Extreme care should be taken when removing the arms to ensure that the user of the chair does not fall sideways or out of the chair.

WARNING: Check the arm is securely in place by attempting to pull the arm from side to side, before leaving the user unattended.

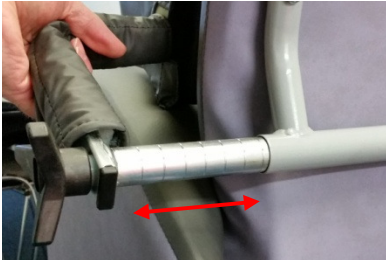
5.5 Lateral Supports (optional accessory)



Lateral supports help to maintain an individual's posture and encourage an appropriate midline position. They come as

a pair with one fitted to either side of the Florien II chair. They adjust independently but operate in the same way.

Both lateral supports can be completely removed when required. This is essential during the removal of the arm modules.



- The lateral supports attach to the chair through the lateral support bar at the back of the chair.
- To attach or detach the lateral supports, simply slide each support into or from the bracket at the back of the chair.
- The two lateral supports can be moved horizontally (wider or narrower) or rotated vertically (up and down) to support the user in the chair.
- When appropriate positioning has been found then the “triangular” handles should be tightened to provide stable and secure support.

5.6 Flip-up Footrest (optional accessory)

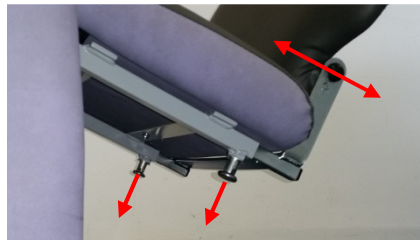


The height adjustable footrest provides added support and positioning for the feet and is highly recommended to avoid foot-drop and other similar conditions.



The footrest can be raised to lie against the legrest when entering or exiting the chair and folds down when in use. When lowered the flip-up footrest sits at 90° to the legrest.

WARNING: The carer should keep hands clear of the footrest hinge whilst operating the flip-up footrest to avoid risk of pinching fingers.



The footrest on the Florien II chair is height adjustable:

- Raise the legrest to the desired angle (see section 5.3.2).
- The complete footboard height is then adjusted by releasing two spring-loaded “snaps” which engage in holes in the metalwork of the footrest.
- The “snaps” are located behind the legrest framework. Reach around the legrest and pull out both pins and turn them 90° to position the footrest.



Unlocked



Locked

- Slide the footboard up or down as required and turn the pins back through 90° allowing the pins to click into the required hole.

WARNING: Ensure the pins are fully locked and the footrest is secure before leaving the user unattended.

5.7 Castors / Wheels

5.7.1 Directional Lock Castors (optional accessory)

The Florien II chairs can be fitted with a directional lock castor as an optional accessory. This allows one castor to be locked in the 'straight-ahead' direction.

The back right wheel is a directional locking castor (**green**) that can be locked in the straight ahead position making it easier to push the chair in a straight line.

- Press down on the **green** front edge of the ridged pad.
- Then push the chair forwards to activate the directional lock. It will "click" when in the straight ahead position.
- To deactivate the directional castor, press down on the top edge of the **green** ridged pad until it is level with the rest of the wheel.
- Ensure the directional lock castor is deactivated before maneuvering the chair in tight spaces.



The remaining three castors will be fully locking castors (**red**) that will not roll or swivel when the brake is activated.

5.7.2 Large Wheel Option

Large Wheel Florien II chairs are fitted with 315mm diameter rear wheels, a brake bar and with 125mm front wheels.



- To **apply** the brake, press down on the spring-loaded brake bar.
- To **unlock** the brake, flick the brake bar back up with your foot.

WARNING: Ensure the brake is applied at all times when the user is left unattended in the chair.

WARNING: Ensure brake is applied at all times when the user is getting in and out of the chair or being hoisted in or out of the chair.

WARNING: Always check that the wheels are unlocked before moving the chair.

5.8 Other Optional Accessories

Check that the chair is compatible with any accessories (such as an over-chair tray). In case of doubt contact your Kirton Distributor or Kirton Customer Services Team on **Freephone 0800 212709** or **+44 (0) 1440 705352**.

WARNING: Only use Kirton recommended optional accessories with the chair.

5.8.1 Headrest (optional accessory)

A cushioned headrest or the Universal Headrest with a wrap-around Velcro fastening is available for added comfort and positioning.

- The headrests can be removed if required by loosening the Velcro

attachment straps at the rear of the chair and sliding off.

- Reattach by fastening the Velcro at the rear of the chair as tightly as possible in the appropriate position for the user.

5.8.2 Lap-Belt (optional accessory)



The Lap-Belt helps to position the user in the back of the chair.

NOTE: D-Ring straps are required to fix the Lap-Belt to the chair.

NOTE: Please refer to Lap-Belt User Instructions (enclosed, if applicable) for further information.

5.8.3 Pelvic Positioner (optional accessory)



The Pelvic Positioner is used to help position users securely in the back of the chair for those with low muscle tone or control in their pelvis.

NOTE: Please refer to Pelvic Positioner User Instructions (enclosed, if applicable) for further information.

NOTE: D-Ring Straps are required to fix the Pelvic Positioner to the chair.

5.8.3 Over Chair Tray (optional accessory)

An over chair tray can be fitted to the Florian. This is fastened by straps and buckles to the arms of the chair.

WARNING: Ensure the tray is removed from the chair before the chair is tilted, otherwise the contents of the tray could spill on to the user.

5.8.4 Universal Tray (optional accessory)

A Universal Tray can be supplied with the Florian chair. This can be wheeled into position over the chair when the chair is in the upright position.

Refer to the user manual supplied with the tray for instructions for use.

WARNING: Ensure the tray is removed from the chair before the chair is tilted, otherwise the contents of the tray could spill on to the user.

6 Re-Use

WARNING: there is a risk of infection transmission if the chair is being re-used with a new user. Ensure the chair is fully cleaned and disinfected before re-use.

If the chair is to be used by another user other than for whom the chair was originally specified, the new user should be assessed by a qualified therapist and the seat length and footrest height (where fitted) should be adjusted to suit the new user.

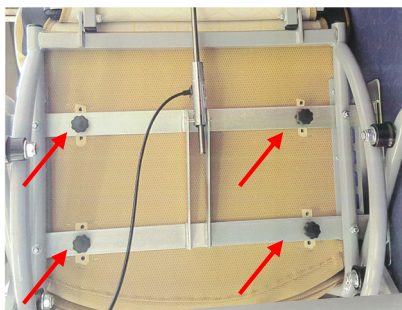
6.1 Adjusting the seat length

WARNING: The adjusting of the seat length should only be done by a competent technician using the instructions below, or a Kirton representative or distributor.

Please contact either your Kirton representative, distributor or Kirton Customer Services Team on **Freephone 0800 212709** or **+44 (0) 1440 705352**.

To adjust the seat length, this must be done without the patient in the chair.

- First remove the laterals and footrest (if fitted) and both arm modules.
- Then fully tilt the chair to its most tilted position, and raise the legrest to a 45° angle.
- This will expose 4 thumb screw adjusters under the seat upholstery. Unscrewing these will allow the seat upholstery to be moved.
- There are 4 sets of 3 holes set 25 mm apart in the underside of seat upholstery giving a total of 50 mm front to back adjustment. The seat can be re-positioned by adjusting the 4 thumb screws in one of the three sets of holes.



7 Care and Maintenance

7.1 Monthly Checks

To ensure safe and reliable operation, the chair should be regularly checked (monthly) by the care-giver for any faults or damage:

- Safe operation of castor brakes.
- Any damage to the tilt in space or legrest operating cables and levers, or failure to lock securely.
- Secure fixing of the chair arm modules and seat and legrest upholstery panels.
- Any loose or detached parts or serious damage to the metalwork.

WARNING: If any faults or damage to safety critical parts is present, STOP using the chair immediately.

- Any damage to the paint finish of the metalwork.
- Any damage to the fabric of the chair, and any soiling of the fabrics.

In the event of a fault or damage to the chair, contact your dealer or distributor or Kirton Customer Services Team on **Freephone 0800 212709 or +44 (0) 1440 705352.**

7.2 Annual Inspection

It is recommended that the chair is inspected by a qualified service technician every year, to ensure safe operation of the product.

A service manual is available on request for use by competent service technicians.

Alternatively please contact your dealer or distributor, or Kirton Customer Team on **Freephone 0800 212709 or +44 (0) 1440 705352.**

7.3 Cleaning and Disinfection

The chair should be kept clean, to preserve the life and good looks of the chair.

Regular cleaning is essential to minimise risk of infection transmission between users and carers in a nursing or residential care environment.

WARNING: There is a risk of infection transmission to the carer when cleaning the chair. Protective gloves should be worn during any cleaning.

7.3.1 Frame Cleaning

- Use a clean absorbent household cloth.
- Cleaning may be carried out with hand hot water and a neutral detergent
- For disinfection use a dilute bleach solution (sodium hypochlorate) equivalent to 1 part bleach to 20 parts water (0.1% or 1000 parts per million available chlorine).
- Rinse with clean water afterwards.
- Dry thoroughly after cleaning.

- Check castors regularly for build up of fluff and dirt particles
- Do not use abrasive cleaners as this will damage the paintwork.
- Check the chair for functionality after cleaning the chair.

WARNING: If any faults or damage to safety critical parts is present, STOP using the chair immediately.

7.3.2 Upholstery Cleaning

The chair upholstery is resistant to urine, blood, most household stains, alkalis and drinks as they are not absorbed into the material and can be wiped off without any problem or lasting damage provided they are cleaned in a timely manner to avoid any permanent damage.

- Use a clean absorbent household cloth.
- Cleaning may be carried out with hand hot water and a neutral detergent

- For disinfection use a dilute bleach solution (sodium hypochlorate) equivalent to 1 part bleach to 20 parts water (0.1% or 1000 parts per million available chlorine).
- More persistent contamination may be treated by wiping with alcohol based cleaners followed by hot water and detergent.
- Rinse with clean water afterwards.
- Dry thoroughly after cleaning.
- DO NOT USE abrasive cleaners.

For more information on cleaning, please contact either your Kirton distributor or our Customer Services Team on **Freephone 0800 212709 or +44 (0) 1440 705352**

WARNING: If any damage is present that could put the user at risk (such as torn fabric) stop using the chair.

8 Questions and Concerns

Should you experience any difficulties or have any concerns regarding the initial purchase or subsequently adjusting the Florien II chair or have any concerns regarding its use or operation then immediately contact either your Kirton representative, distributor or our Customer Services Team on **Freephone 0800 212709 or +44 (0) 1440 705352**.

If your call concerns a specific seating product or item of furniture please have ready your sales order number before you telephone. This can be located on the base of each chair and helps us identify your details and deal with your enquiry efficiently

9 Technical Data

9.1 Manufacturer

Kirton Healthcare Group Limited,

23 Rookwood Way, Haverhill, Suffolk, CB9 8PB, England

Telephone: +44 (0)1440 705352 Fax: +44 (0)1440 706521

Email: info@kirtonhealthcare.co.uk

9.2 General

Maximum user weight – 180 kg (28 st)

9.3 Dimensions

Standard Wheel Version

Overall Length: 880mm (excluding footrest)

Overall Height: 1330mm

Seat Height: 550mm

Minimum Seat Depth: 435mm

Overall Width: 700mm (with arms)

Product weight: 55 kg approximately

Back Height: 830mm

Maximum Seat Depth: 485mm

Large Wheel Version

Overall Length: 900mm (excluding footrest)

Overall Height: 1330mm

Seat Height: 550mm

Minimum Seat Depth: 435mm

Overall Width: 740mm (with arms)

Product weight: 58 kg approximately

Back Height: 830mm

Maximum Seat Depth: 485mm

9.4 Product Standards

9.4.1 Flammability testing

Refer to product information label on underside of the legrest upholstery.

9.4.2 Stability, Strength, Durability and Safety

The Florian chair has been tested to ensure compliance with the following standards:

BS EN 1022: 2005 (Domestic Furniture – Seating – Determination of Stability)

BS EN 16139: 2013 Test Level 1 (Furniture – Strength, Durability and Safety Requirements for non-domestic Seating)

9.4.3 Other Applicable Standards

BS EN ISO 9001:2008 (Quality Management System)

ISO 14001 (Environmental Management System)



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BS 8480:2006

