

The MultiAdjust

A Fresh Thinking Seating Solution



Assessment Pack

CareFlex

Standard Features At A Glance

The new MultiAdjust is a cost effective, tool-free, highly adjustable seating system that provides postural support and pressure care without compromising the users comfort. The chair benefits from Tilt-in-Space, Back Angle Recline and lower limb support, offered with adjustment control options (manual or motorised). The MultiAdjust is an ideal choice for multiple user environments, and for those who are semi-ambulant and non-ambulant. Its modular design, with interchangeable accessories, makes it a perfect fit for Community Loan Stores. It is suitable for a wide range of seating needs in most Care Environments. It provides high levels of comfort and the robust construction quality that you would associate with CareFlex. For peace of mind the MultiAdjust comes with a Lifetime Frame Warranty.

CLIENT GROUPS

- Semi-ambulant and non-ambulant
- Frail and elderly
- Neurological conditions (e.g. Multiple Sclerosis, Muscular Dystrophy, Motor Neurone Disease)
- Cardiovascular conditions
- Orthopaedic conditions



ENVIRONMENTS

- Nursing and residential homes
- Hospital wards
- Hospices and respite care
- Domestic and home care

STANDARD FEATURES

- Tilt-in-Space
- Back Angle Recline
- Elevating Leg Rest
- Flip Up & Angle Adjustable Footplate
- Integral Seat Depth Adjustment
- Integral Seat Width Adjustment
- Integral Arm Height Adjustment
- Removable Arms
- Pressure Redistributing Reflexion Foam Seat Cushion
- Reflexion Foam Flat Back
- 4 Braked Castors
- Ash Grey Upholstery with Black Vapour Permeable Material to Contact Areas

ADJUSTMENT CONTROL OPTIONS

- Manual
- Pro-Control (legrest and Tilt-in-Space functions only)
- Fully Motorised



Hoist and Transfer Aid Compatible

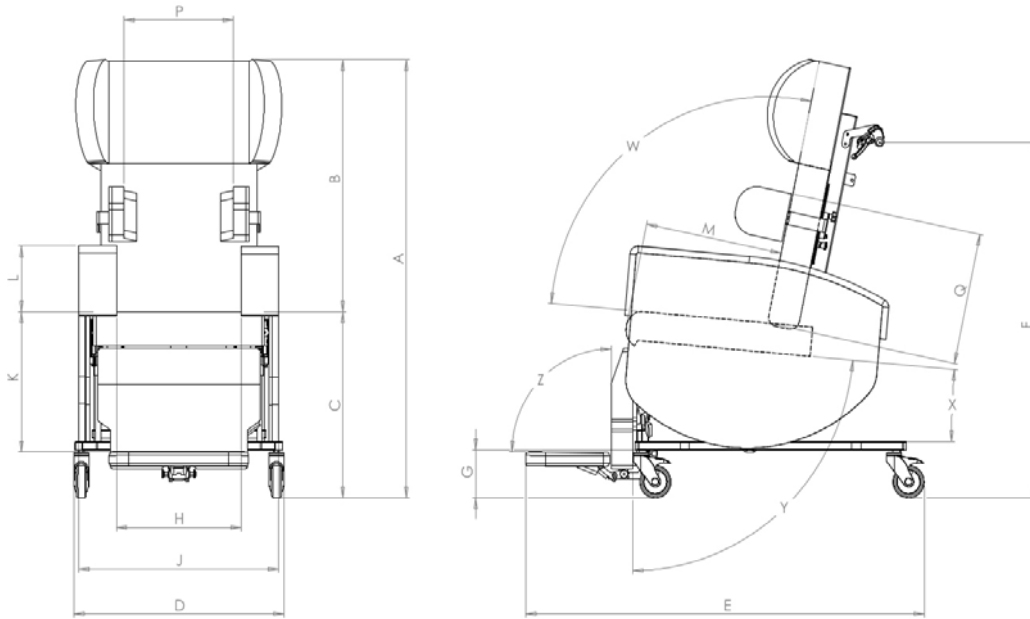


Easy to Clean and Dismantle



Easy and Clear Width Adjustments

Technical Data



Adjustments	
H: Seat width (inner)	400 mm (16") to 550 mm (21") (150 mm range - 2 cushion sizes)
J: Max width (outer)	790 mm (31")
K: Seat to Footplate height	350 mm (14") to 500 mm (20") (150 mm range)
L: Arm height	200 mm (8") to 250 mm (10") (50 mm range)
M: seat depth	380 mm (15") to 550 mm (21") (170 mm range)
P: Narrow Lateral Width	230 mm (9") to 360 mm (14") (130 mm range)
P: Regular Lateral Width	315 mm (12") to 435 mm (17") (120 mm range)
P: Wide Lateral Width	445 mm (18") to 520 mm (20") (130 mm range)
Q: Lateral Height	320 mm (12") to 520 mm (20") (200 mm range)
W: Back angle recline (B.A.R)	95° to 135° (40° range) (Manual & Motorised)
X: Tilt in space (T.I.S)	Factory Setting: 0° to 35° (35° range) (Manual & Motorised) Optional Setting: -5° to 30° (35° range) (Manual & Motorised)
Y: Knee angle	Factory Setting: 65° to 135° (70° range) (Manual & Motorised) Optional Setting: 80° to 150° (70° range - Manual)
Z: Ankle angle	Optional Setting: 80° to 157° (77° range - Motorised) 4 positions - 75° / 90° / 105° / 120°

Basic Dimensions	
A: Overall Height	1350 mm (53")
B: Back Height	830 mm (32")
C: Seat Height	540 mm (21")
D: Castor Frame Width	675 mm (26")
E: Overall Length	1285 mm (50")
F: Push Bar Height	1125 mm (44")
G: Clearance Height	145 mm (6")
Maximum User Weight	160kg
Chair Weight	70kg (Manual) 73kg (Motorised)

(All measurements ±10mm / 5°)

Additional Extras

- Contoured or Waterfall Back
- Motorised Control Options
- Watercell Technology Cushion
- Pommel
- Lateral Supports
- Soft or Profiled Headrest
- Choice of Belts & Harnesses
- Tray
- Footplate Pad
- Change in Upholstery Colour

Taking Measurements



Every chair must be set-up to fit its user, ensuring maximum contact with the chair, distributing their weight evenly, and supporting them sufficiently.

Ensure best achievable sitting position before measuring.

A) **Seat height** - back of knee to footplate/floor

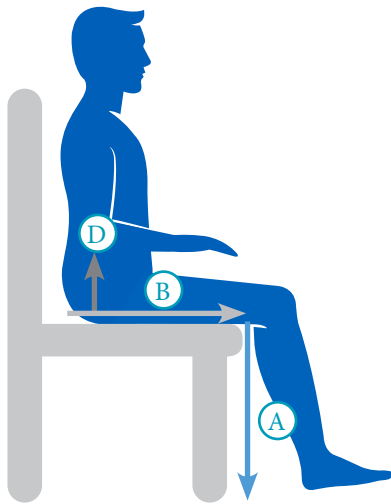
B) **Seat depth** - back of pelvis to back of knee minus approximately the width of two fingers

C) **Seat width** - hip width

D) **Arm rest height** - seat to elbow

Back angle - hip range of movement

Leg rest angle - knee range of movement/hamstring muscles length



These are guidelines only as will be affected by the client's size and shape, and the functions and accessories prescribed.

MEASUREMENT	ADJUSTMENT RANGE	MEASUREMENT TAKEN
Seat Depth	380mm - 550mm	
Seat Width ¹	400mm - 550mm	
Seat to Footplate Height	350mm - 500mm	
Arm Rest Height ²	200mm - 250mm	

¹Arm rests can be set at different seat widths from front to back and left to right, which may be indicated for users with fixed lower limb postures such as windsweeping, or those with increased body mass in the gluteal and hip areas.

²Arm rest height can be set differently from front to back resulting in angled arm rests, which may be indicated for users with specific upper limb positioning requirements.

Pressure Care

Posture and pressure are inextricably linked; body posture and positioning have a direct influence on the pressure going through specific body sites¹.

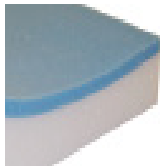
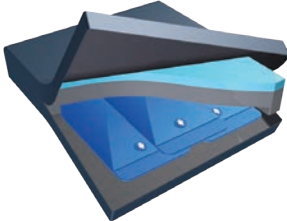
Prevention of pressure ulcers can not only improve an individual's outcomes and quality of life, but it can also reduce the costs to health and social care services benefitting the wider community. Specialist seating systems aim to reduce the risk of pressure injuries by distributing the user's body weight evenly throughout the chair over the maximum surface area with posture supported as aligned and symmetrical as possible.

Professional guidance from a Tissue Viability Nurse or District Nurse may be indicated.

The MultiAdjust offers two cushion type options, depending on the user's level of risk. The MultiAdjust also features vapour permeable fabric as standard to all contact areas - seat, back, leg rest and arm rest.

The Tilt-in-Space function can be utilised to redistribute pressure by changing the tilt angle of the chair on a regular basis, and can be used in combination with Back Angle Recline. It is important to ensure a thorough assessment of risks, including any swallowing difficulties, before prescribing these functions as they are not safe or appropriate for every user.

1. Sprigle S, Sonenblum S (2011) Assessing evidence supporting redistribution of pressure for pressure ulcer prevention: *A review Journal of Rehabilitation Research and Development* **48**(3):203-214

CUSHION TYPE	DESCRIPTION	IMAGE	SELECT
<p>Pressure Redistributing Reflexion Foam (standard)</p>	<p>Reflexion reacts to body heat and uniquely moulds itself around the contours of the user. Interface pressure is reduced on critical parts of the body subjected to compression. The body weight is then spread more evenly across the whole surface area of Reflexion. This has been proven to promote improved circulation and lessens the development of pressure ulcers.</p>		<p><input type="checkbox"/> Standard Size</p> <p><input type="checkbox"/> Large (support chair at max seat width) Optional Extra</p>
<p>CareFlex Watercell Technology (optional extra)</p>	<p>Our WaterCell Technology provides a reliable and dynamic pressure care solution for people at medium to high risk of pressure injury. The water cells work by allowing the seat cushion to contour naturally and effectively around the user's body. The layer of Visco-Elastic Memory Foam moulds to the shape of the buttocks and thighs, distributing weight over a larger surface area and minimising pressure build-up under bony areas. It enables the individual to achieve a stable and functional posture without compromising on pressure care and comfort.</p>		<p><input type="checkbox"/> Standard Size</p> <p><input type="checkbox"/> Large (support chair at max seat width) Optional Extra</p>

Postural Support

When an individual's ability to achieve good posture is affected, either through illness, injury or disability, it can have a significant impact on their health and wellbeing. Specialist seating aims to allow individuals, who might otherwise have difficulty, to achieve their optimum sitting posture to sit out comfortably, interact with their environment, participate in activities of daily living and enhance physiological function.

The MultiAdjust offers a range of functions and accessories to promote good postural support at all body segments, especially pelvic stability, trunk alignment and foot support.

Back Angle Recline (BAR)

- Seat to back angle adjusts to open up the hip angle.
- Assists with comfort.
- Accommodates reduced hip flexion range of movement.
- Helps alleviate pain associated with hip joint problems.
- Reduces abdominal pressure.
- Can relieve hamstring muscles tension if the leg rest is elevated.

Tilt-in-Space (TiS)

- Seat to back angle remains the same - whole system tilts posteriorly.
- Promotes pelvic stability
- Encourages pressure redistribution.
- Manages energy levels.
- Assists with hoisting and positioning.

TiS and BAR should be prescribed responsibly, ensuring they are safe and appropriate for the user following a comprehensive posture and risk assessment

Adjustable laterals

- External and removable trunk control with independent height and width adjustment.
- May be indicated for individuals who require firmer postural support to achieve an optimum midline position.

Negative angle leg rest

- Facilitates safe standing by allowing optimum foot position.
- Accommodates limited knee range of movement allowing a more comfortable seating position.

Angle adjustable footplate

- 19% of an average person's body weight is distributed through their feet when seated.¹
- Foot support is essential to reduce the risk of pressure injury.
- Also encourages postural stability to allow freedom of movement in the upper limbs from their load bearing role.

1. Collins F (2001) An adequate service? Specialist seating provision in the *UK Journal of Wound Care* **10**(8):333-337













Postural Support

TYPE	ADJUSTMENT RANGE	MEASUREMENT TAKEN / SELECTION
Lateral Width (If Applicable)	<p>Narrow: 230 mm (9") to 360 mm (14") (130 mm range)</p> <p>Regular: 315 mm (12") to 435 mm (17") (120 mm range)</p> <p>Wide: 445 mm (18") to 575 mm (23") (130 mm range)</p>	
Lateral Height (If Applicable)	320 mm to 520 mm (200 mm range)	
Back Angle Recline	95° to 135° (40° range) (Manual & Motorised)	
X: Tilt in space (T.I.S)	Factory Setting: 0° to 35° (35° range) (Manual & Motorised)	<input type="checkbox"/>
	Optional Setting: -5° to 30° (35° range) (Manual & Motorised)"	<input type="checkbox"/>
Y: Knee angle	Factory Setting - 65° to 135° (70° range) (Manual & Motorised)	<input type="checkbox"/>
	Optional Setting: 80° to 150° (70° range - Manual)	<input type="checkbox"/>
	Optional Setting: 80° to 157° (77° range - Motorised)	<input type="checkbox"/>
Z: Ankle angle	4 positions - 75° / 90° / 105° / 120°	
Adjustment Control Option	Manual / Pro-Control (Legrest&TiS Only) / Fully Motorised	

Any Client Clinical Notes
Regarding The Assessment

Optional Extras

We have a range of accessories and options below to meet the needs of your client.

CUSHION TYPE	DESCRIPTION	IMAGE	SELECT
Waterfall Back	<ul style="list-style-type: none"> Consists of a lumbar and thoracic section Must be selected with a headrest Encourages trunk alignment while managing pressure and comfort 		<input type="checkbox"/>
Contoured Back	<ul style="list-style-type: none"> Provides gentle lateral feedback and support for the trunk Centralises the posture with contoured pads 		<input type="checkbox"/>
Pommel	<ul style="list-style-type: none"> Encourages thigh alignment Assists with maintaining pelvic stability 		<input type="checkbox"/>
Lateral Supports	<ul style="list-style-type: none"> External and removable trunk control with independent height and width adjustment May be indicated for individuals who require firmer postural support to achieve an optimum midline position 		<input type="checkbox"/>
Soft Headrest	<ul style="list-style-type: none"> A comfortable rectangular pillow to support the head Available in shallow and deep 		<input type="checkbox"/> Shallow <input type="checkbox"/> Deep
Soft Profiled Headrest	<ul style="list-style-type: none"> A contoured pillow to support shoulders, neck and head Encourages head alignment for interaction and optimum physiological function Available in shallow and deep 		<input type="checkbox"/> Shallow <input type="checkbox"/> Deep
Padded Pelvic Belt*	<ul style="list-style-type: none"> Intervention for anterior pelvic stabilisation Safety belt when portering clients 		<input type="checkbox"/>
4-Point Padded Pelvic Belt*	<ul style="list-style-type: none"> Centre pull adjustment and comfort pads to reduce pressure on the front of the pelvis Secondary straps that pull down over the thighs at right angles to the seat base to maximise pelvic stability 		<input type="checkbox"/>
Groin Harness*	<ul style="list-style-type: none"> Positioning aid that provides maximum pelvic control Prevents the user from sliding forward in the seat Help stabilise the position of the pelvis 		<input type="checkbox"/>
Dynamic Chest Harness*	<ul style="list-style-type: none"> Provides anterior support and comfort whilst not restricting active positioning and function. Lower straps have multi-direction buckles that swivel to avoid twisting and provide comfort 		<input type="checkbox"/>
Tray	<ul style="list-style-type: none"> Assists upper limb support Offers platform for activities 		<input type="checkbox"/>
Detachable Footplate Pad	<ul style="list-style-type: none"> To provide greater comfort. Attaches to the footplate. Available in 25mm, 50mm, 75mm and 100mm 		<input type="checkbox"/>

*All belts and harnesses must be prescribed, implemented and monitored responsibly following a comprehensive assessment of posture and risk. Please see Device safety information alert for further information: www.gov.uk/drug-device-alerts/all-posture-or-safety-belts-fitted-to-supportive-seating-wheelchairs-hoists-and-bathroom-equipment-risk-of-serious-injury-or-death

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CareFlex
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