

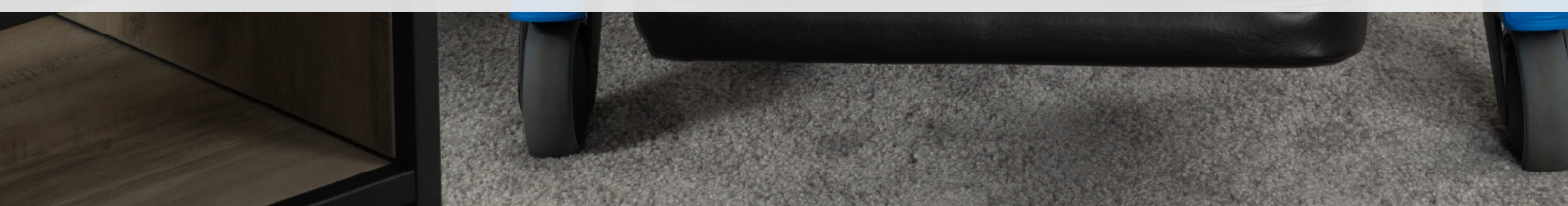
MultiAdjust

Children to Adult Chair Sizes

A highly adjustable, comfortable and cost-effective postural care seating solution!

Assessment & Prescription Guide

CareFlex



Features At A Glance

The MultiAdjust is a cost-effective, tool-free, highly adjustable seating system that provides postural support and pressure care without compromising on comfort.
Available in Small and Medium sizes for individuals of varying shapes and sizes, including children and adults. The chair benefits from Tilt-in-Space, Back Angle Recline and lower limb support. The Medium chair is offered with both 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 and interchangeable accessories make it a perfect fit for Community Equipment Services. It is suitable for various seating needs in most health and care environments. It provides high comfort levels and robust construction quality that you would associate with CareFlex. For peace of mind the MultiAdjust comes with a 5-year warranty on the frame and 1-year on all other parts and labour.

CLIENT GROUPS

- Neurological and neuromuscular conditions
- Cardiovascular conditions
- Orthopaedic conditions
- Frail and elderly
- Semi-ambulant and non-ambulant

ENVIRONMENTS

- Domestic and home care
- Educational settings
- Hospital wards and rehabilitation centres
- Hospices and respite care
- Nursing and residential homes

ADDITIONAL EXTRAS

- Contoured or Waterfall Back
- Watercell Technology Cushion
- Pommel
- Lateral Supports
- Soft or Profiled Headrest
- Choice of Positioning Aids
- Tray
- Footplate Pad
- Change in Upholstery Colour



Hoist and Transfer Aid Compatible

STANDARD FEATURES

- Tilt-in-Space
- Back Angle Recline
- Elevating & Negative Angle Adjustable Leg Rest
- Flip Up and Angle Adjustable Footplate
- Integral Seat Depth Adjustment
- Integral Seat Width Adjustment
- Integral Arm Height Adjustment
- Four Seat Height Options (Factory Set) - Small Chair Only
- Two Integral Back Height Adjustments - Small Chair Only
- Removable Arms
- Pressure Redistributing Reflexion Foam Seat Cushion
- Reflexion Foam Flat Back
- Four Braked Castors
- Ash Grey Upholstery with Black Vapour Permeable Material to Contact Areas

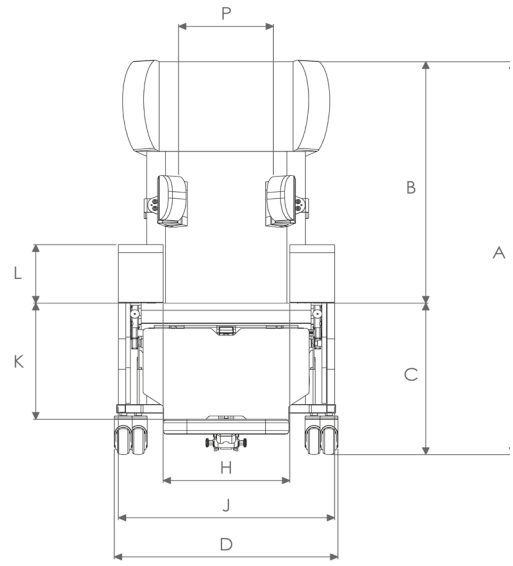
ADJUSTMENT CONTROL OPTIONS

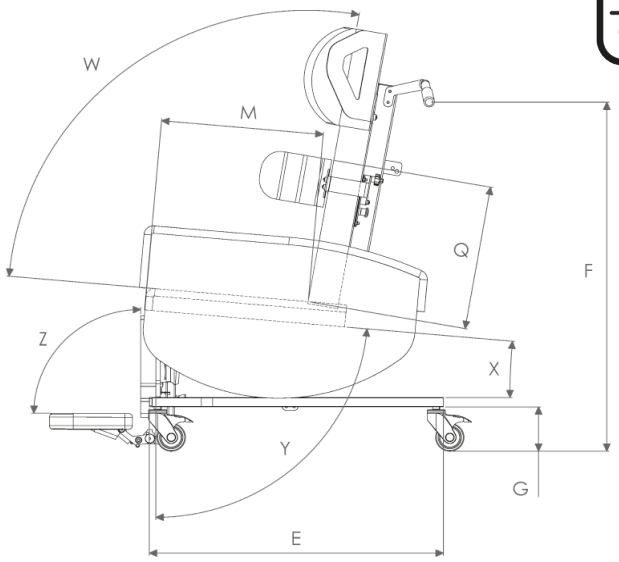
- Manual
- Pro-Control (Leg Rest and Tilt-in-Space functions only) (Medium Chair Only)
- Fully Motorised (Medium Chair Only)



Technical Data - Small Chair

S
Chair





Basic Dimensions	
A: Overall Height	1200 mm (47″)
B: Back Height	Low: 650 mm (25.5″) High: 750 mm (29.5″)
C: Seat Height Options	380 / 405 / 430 / 455 mm (15 / 16 / 17 / 18″)
D: Castor Frame Width	590 mm (23″)
E: Overall Length	790 mm (31″)
F: Push Bar Height	1005 mm (40″)
G: Clearance Height	115 mm (4.5″)
Maximum User Weight	100kg
Chair Weight	56kg (Manual)

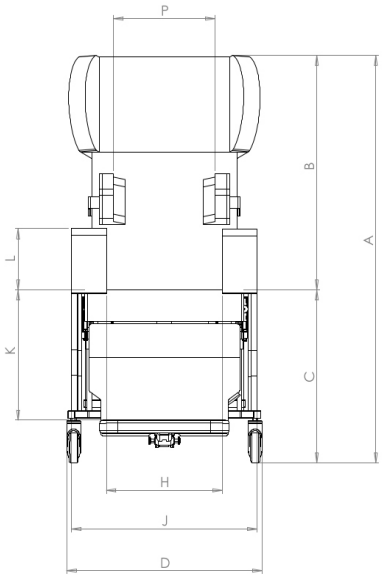
(All measurements ±10mm / 5°, Inches rounded)

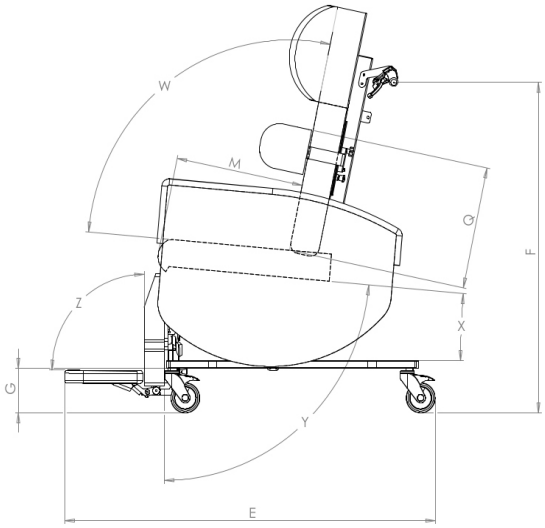
Adjustments	
H: Seat Width (inner)	330 mm (13″) to 480 mm (19″) (150mm range) Two Cushion Sizes Standard: Seat Widths 330 - 430 mm / Wide: Seat Widths 430 - 480 mm
J: Max Width (outer)	720 mm (28″)
K: Seat to Footplate Height	Low: 280 mm (11″) to 430 mm (17″) High: 320 mm (12.5″) to 470 mm (18.5″) (150 mm range) Two Leg Rest Sizes Standard: Seat Heights 380 - 405 mm / Long: Seat Heights 430 - 455 mm
L: Arm Height	170 mm (7″) to 220 mm (9″) (50 mm range)
M: Seat Depth	320 mm (12.5″) to 490 mm (19″) (170 mm range)
P: Narrow Lateral Width	160 mm (6″) to 260 mm (10″) (100 mm range)
P: Regular Lateral Width	255 mm (10″) to 355 mm (14″) (100 mm range)
Q: Lateral Height	310 mm (12″) to 430 mm (17″) (120 mm range)
W: Back Angle Recline (BAR)	95° to 125° (30° range)
X: Tilt-in-Space (TiS)	Factory Setting: 0° to 30° (30° range) Optional Setting: -5° to 25° (30° range)
Y: Leg Rest Angle	Factory Setting: 65° to 145° (80° range) Optional Setting: 80° to 170° (90° range)
Footplate Depth	Small: 220mm (9″) Standard: 260mm (10″)
Footplate Width	Small: 340mm (13″) Standard: 430mm (17″)
Z: Footplate Angle	Four Positions: 75° / 90° / 105° / 120°

CE UKCA

Technical Data - Medium Chair

M
Chair





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)

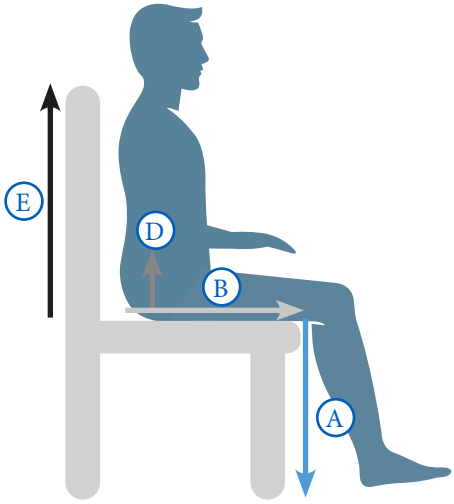
(All measurements ±10mm / 5°)

Adjustments	
H: Seat Width (inner)	400 mm (16″) to 550 mm (21″) (150 mm range) Two Cushion Sizes Standard: Seat Widths 400 - 500 mm / Wide: Seat Widths 500 - 550 mm
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 (BAR)	95° to 135° (40° range) (Manual & Motorised)
X: Tilt-in-Space (TiS)	Factory Setting: 0° to 35° (35° range) (Manual & Motorised)
	Optional Setting: -5° to 30° (35° range) (Manual & Motorised)
Y: Leg Rest Angle	Factory Setting: 65° to 135° (70° range) (Manual & Motorised)
	Optional Setting: 80° to 150° (70° range - Manual)
	Optional Setting: 80° to 157° (77° range - Motorised)
Z: Footplate Angle	Four Positions: 75° / 90° / 105° / 120°

CE UK CA

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 (MultiAdjust Small is available with four seat height options)
B) Seat depth - back of the pelvis to the back of the knee minus approx. one inch (both left and right measured)
C) Seat width - hip width/two widest points plus up to 0.5 inch each side
D) Arm rest height - seat base to elbow (both left and right measured)
E) Back height - seat base to back of head (MultiAdjust Small is available with two back height options)
Back angle - dependent on hip range of movement
Leg rest angle - dependent on knee range of movement

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

MEASUREMENT	ADJUSTMENT RANGE / OPTIONS	MEASUREMENT TAKEN
Seat Depth	Small: 320 mm - 490 mm Medium: 380 mm - 550 mm	
Seat Width[1]	Small: 330 mm - 480 mm Medium: 400 mm - 550 mm	
Seat to Footplate Height	Small: Low: 280 mm - 430 mm / High: 320 mm - 470 mm Medium: 350 mm - 500 mm	
Arm Rest Height[2]	Small: 170 mm - 220 mm Medium: 200 mm - 250 mm	
Seat Height (Small MultiAdjust)	Small: 380 / 405 / 430 / 455 mm	
Back Height (Small MultiAdjust)	Small: 650 / 750 mm	

[1]Arm 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.
[2]Arm 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 sites[1].

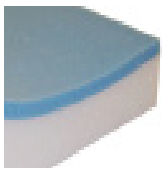
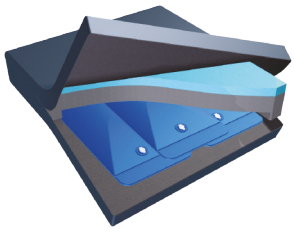
Prevention of pressure ulcers can not only improve an individual's outcomes and quality of life, but it can also reduce the costs to health and social care services benefitting the wider community. Specialist seating systems aim to reduce the risk of pressure injuries by distributing the user's body 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
Pressure Redistributing Reflexion Foam (standard)	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.		☐ Standard Size ☐ Large (support chair at max seat width) Optional Extra
CareFlex Watercell Technology (optional extra)	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.		☐ Standard Size ☐ Large (support chair at max seat width) Optional Extra

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

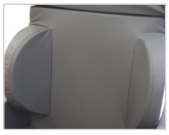
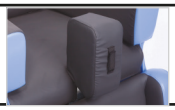
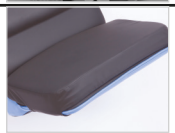
Postural Support

TYPE	SMALL MULTIADJUST ADJUSTMENT RANGE	MEDIUM MULTIADJUST ADJUSTMENT RANGE	MEASUREMENT TAKEN / SELECTION
Lateral Width (If Applicable)	Narrow: 160mm to 260mm (100 mm range) Regular: 255mm to 355mm (100 mm range)	Narrow: 230 mm to 360 mm (130 mm range) Regular: 315 mm to 435 mm (120 mm range) Wide: 445 mm to 575 mm (130 mm range)	
Lateral Height (If Applicable)	310 mm to 430 mm (120mm range)	320 mm to 520 mm (200 mm range)	
Back Angle Recline (BAR)	95° to 125° (30° range) (Manual)	95° to 135° (40° range) (Manual & Motorised)	
X: Tilt-in-Space (TiS)	Factory Setting: 0° to 30° (30° range) (Manual)	Factory Setting: 0° to 35° (35° range) (Manual & Motorised)	☐
	Optional Setting: -5° to 25° (25° range) (Manual)	Optional Setting: -5° to 30° (35° range) (Manual & Motorised)	☐
Y: Leg Rest Angle	Factory Setting - 65° to 135° (70° range) (Manual)	Factory Setting - 65° to 135° (70° range) (Manual & Motorised)	☐
	Optional Setting: 80° to 170° (90° range - Manual)	Optional Setting: 80° to 150° (70° range - Manual)	☐
		Optional Setting: 80° to 157° (77° range - Motorised)	☐
Z: Footplate Angle	4 Positions: – 75° / 90° / 105° / 120°	4 positions – 75° / 90° / 105° / 120°	
Adjustment Control Option	Manual	Manual / Pro-Control (Leg Rest & TiS Only) / Fully Motorised	

Clinical Notes

Most Common 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	• Consists of three lumbar and thoracic sections • Must be selected with a headrest • Encourages trunk alignment while managing pressure and comfort		☐ ☐
Contoured Back	• Provides gentle lateral feedback and support for the trunk • Centralises the posture with contoured pads • The Medium chair has two available widths and provides two different lateral support height options. The Small chair has two available height options.		☐ ☐ 450mm / 500mm Width (Medium Chair) ☐ ☐ 650mm / 750mm Height (Small Chair)
Pommel	• Encourages thigh alignment • Assists with maintaining pelvic stability		☐
Lateral Supports	• 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		☐
Soft Headrest	• A comfortable rectangular pillow to support the head • Available in shallow and deep		☐ Shallow ☐ Deep
Soft Profiled Headrest	• A contoured pillow to support shoulders, neck and head • Encourages head alignment for interaction and optimum physiological function • Available in shallow and deep		☐
Padded Pelvic Belt*	• Intervention for anterior pelvic stabilisation • Safety belt when portering clients		☐
4-Point Padded Pelvic Belt*	• Centre pull adjustment and comfort pads to reduce pressure on the front of the pelvis • Ssecondary straps that pull down over the thighs at right angles to the seat base to maximise pelvic stability		☐
Groin Harness*	• Positioning aid that provides maximum pelvic control • Prevents the user from sliding forward in the seat • Help stabilise the position of the pelvis		☐
Dynamic Chest Harness*	• 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		☐
Tray	• Assists upper limb support • Offers platform for activities		☐
Detachable Footplate Pad	• To provide greater comfort. Attaches to the footplate. • Available in 25mm, 50mm, 75mm and 100mm		☐

All belts and harnesses (positioning aids) must be prescribed, implemented, and monitored responsibly following a comprehensive risk assessment. Please see the following for further information:

- Medicines and Healthcare Regulatory Agency (MHRA) (2015) MDA/2015/018 All posture or safety belts fitted to supportive seating, wheelchairs, hoists and bathroom equipment London: MHRA
- British Standard (BS) (2019) 8625:2019 Selection, placement and fixation of flexible postural support devices in seating London: BSI

Clinical Notes:

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