

CITADEL PLUS BARIATRIC CARE SYSTEM

Citadel Plus[®]



Preserving dignity for patients of size

The Citadel Plus Bariatric Care System has been designed to manage patients weighing up to 454 kg (1000 lbs).

Citadel Plus provides flexible and efficient patient care

The bed is the centre of care during a hospital stay, providing a platform for patient recovery while helping reduce the risk of patient and caregiver injury. Citadel Plus is purpose-built for hospitals demanding the highest levels of safety and efficiency from their beds and therapeutic surfaces.

Variable width and length provides flexibility to accommodate different size patients and enables easier access through doorways and in elevators during transport. Width adjustment is always available even during power outages.

Key features

POWER DRIVE*

Facilitates one person transport of patients weighing up to 454 kg (1000 lbs) depending on hospital protocol.

INTEGRATED WEIGH SCALE

Digital display weighs up to 454 kg (+/- 500 g). Patient weight is visually displayed for 10 seconds only to help protect patient dignity.

SAFESET*

Provides visual alerts:

- Side rail position
- Brake status
- Bed height
- If VariZone is armed

*Optional

COMPATIBLE SUPPORT SURFACES FOR PRESSURE REDISTRIBUTION*



AES (ANTI-ENTRAPMENT SYSTEM)
Detects obstructions under the sleep deck during bed articulation and stops the downward movement of the bed.

HEAD OF BED ANGLE

Digital head of bed angle display. Automatic pause at 30 degree head elevation.



VARIABLE WIDTH & LENGTH

Citadel Plus incorporates 3 width expansion options.

VARIZONE PATIENT MOVEMENT AND EXIT DETECTION

Can be set to alarm and detect when undesired movement of the patient occurs.

ONE BUTTON CHAIR POSITION

The Citadel Plus can be articulated into a chair position lowering the legs and abdomen to help improve patient comfort.

PRODUCT INFORMATION

Dimensions	Measurement
Overall standard length	229 cm (90.2 in)
Overall mid length	240 cm (94.5 in)
Overall extended length	251 cm (98.8 in)
In bed length standard	202 cm (80 in)
In bed length mid	214 cm (84 in)
In bed length extended	224 cm (88 in)
Overall width	103 cm (40.6 in)
Overall width extended	134 cm (52.7 in)
Mattress size (position 1)	202 cm x 86.4 cm (80 to 88 in)
Mattress size (position 2)	214 to 224 cm x 122 cm (84 to 88)
Deck height (150mm / 6 in castors)	36 cm to 80 cm (14.1 to 31.5 in)
Angles	Measurement
Head down tilt	12°
Foot down tilt	12°
Backrest angle	62°
Backrest pause	30°
Thigh angle	20°
Calf angle	16°
Product	Measurement
Safe working load/Maximum	522 kg (1150 lb)
Maximum patient weight	454 kg (1000 lb)
Base configuration	Head end panel 'off' deck (HOD)

Product weight with power drive	360 kg (793 lb)
Product weight without power drive	306 kg (675 lb)
Safety Standards	IEC 60601-1:2005 + AMD1:2012 IEC 60601-2-52:2009 + AMD1:2015 CAN/CSA-C22.2 NO. 60601-1:14 ANSI/AAMI ES60601-1:2005 + AMD1:2012*
Electrical data	
Ingress protection	Ingress protection IPX4
Shock protection	Class 1, Type B Applied Part
EMC	IEC 60601-1-2:2014 + AMD1:2020
Power in	15 A MAX AT 115 VAC 60 HZ 8 A MAX AT 230 VAC 50 HZ 8 A MAX AT 230 VAC 60 HZ
Duty Cycle	10% (2 min on, 18min off)
Battery backup	2 x 12 V series connected, 26 Ah
Patient weighing system	
Minimum verification interval	500 g or 1 lb
Minimum capacity	10 kg (22 lb)
Maximum capacity	522 kg (1150 lb)
Approvals ¹	Directive 2014/31/EU, accuracy class III
Scale rating ²	Class III

1. Applicable for countries an associate in CEN region
2. Applicable to rest of world