



E5100-S

Electric bed with integrated weight scale



Standard Features

- Safe Working Load (SWL) 250Kg
- 125mm Twin Central Locking Castors
- Linak OpenBus Drive System with LA27 actuators
- Battery Back-Up
- Trendelenburg & Reverse Trendelenburg Tilt 14°
- CPR Quick Release Retracting Backrest
- Auto regression backrest
- Retracting Thigh and Foot Panel Sections
- ABS Vacuum Formed Removable Deck Panels
- Integrated digital weighing system
- Urine Bag Hooks & Strap Rail (both sides of bed)
- Four Accessory Sockets (two at head & two at foot)
- Ergonomic Soft Contoured Mattress Retainers
- Removable Lightweight HDPE Head & Foot Panels
- Head & Foot End Rotating Wall Buffers
- Foot / Calf Elevation (manually operated)
- Full Length Split Side Rails - Inset Controls for Nurse and Patient, Nurse Panel Includes Lock Out and Emergency Functions
- Weighing scale handset
- HB70 Patient Handset (hi-low, backrest & knee)

Optional Features

- 125mm Single Central Locking Castors
- 125mm Twin Central Locking Castors
- Integral Base extension with built in Linen Rack
- ACOM Cabled Hook Over Control Panel
- Central Lock Pedals Head End of Bed
- Under Bed Light (set in permanent ON mode)
- HB70 Nurse Handset (standard functions plus auto contour and tilt)
- Cold-roll Steel sheet bed platform
- HPL backrest and X-ray cassette holder

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The Caretek **E5100-S** bed is an electronically operated acute care bed with a range of functions and positional movements that assist in the care of patients and procedures. Ease of use, functionality, serviceability and cleaning practicality are key features of the bed.



Designed to comply with International Standard **IEC 60601-2-52**, the E5100-S bed has a fabricated steel structure with a powder coated finish. The plastic components are made from urethane, PE, POM, nylon and ABS plastic.

Clinical Applications and Area of Use:

The bed is appropriate for high dependency patients who pose a moving and handling risk and or whose clinical condition requires that they are positioned with minimal physical handling.

Caretek is dedicated to the design of medical products with a strong focus on reliability, quality and compliance to International standards. With a team of both local and International engineers, product safety for patients and caregivers alike is at the forefront of all design specification. To enable Caretek to be competitive in the world market, we use OEM manufacturers that strictly implement and adhere to **ISO 13485** medical device management and **ISO 14001** environmental management systems. They are also equipped with modern precision metal processing equipment and maintain the highest standards of manufacturing quality.



Technical Specifications

Basic Dimensions

Overall Length	2165 mm
Overall Length Base Extension Extended	2465 mm
Linen Rack Extension	300 mm
Overall Width	1010 mm
In Bed Dimensions (Inside Panel to Inside Panel) (Inside Mattress Retainer to Mattress Retainer)	L2030 x W860 mm
Deck Height Range (125mm Twin Central Locking Castors)	370 to 815 mm
Trendelenburg & Reverse Trendelenburg Tilt (Electronic)	0 to 14°
Backrest Angle Adjustment (Electronic)	0 to 70°
Knee Break Angle Adjustment (Electronic)	0 to 35°

Product Weight (approximate)

Includes Side Rails Fitted	142 Kg
Safe Working Load (SWL)	250 Kg
Maximum Patient weight	185 Kg

Electrical Data

Power in (Switch Mode Operating Voltage Range 100V to 240V - 50/60Hz MAX 3.9A)
Duty Rating - Intermittent 10%, Max 2 Min / 18 Min
Electric Shock Protection - Class 1 Type B
Liquid Ingress Protection - IPX4
Internally Powered Equipment (Battery Back Up Only) 2 x 12V Series Connected Batteries, Sealed Chargeable Lead/Acid Gel 1.2 amp hours