

Technical Specifications



• Overall dimensions	_____	2260 mm × 1010 mm
• Mattress platform	_____	2000 mm × 810 mm
• Hi - Low	_____	800 mm - 500 mm
• Side rail height	_____	410 mm
• Side rail length	_____	1620 mm
• Backrest angle	_____	0 - 85°
• Kneerest angle	_____	0 - 30°
• Trend. / Reverse Trend.	_____	± 11°
• Bed weight	_____	145 kg
• Safe working load	_____	220 kg
• Casters (Central locking)	_____	150 mm
• Power input max	_____	250 VA
• Main power system	_____	220V - 50 Hz, 24 V DC
• Electrical current protection	_____	Class 1
• Electrical shock protection	_____	Type B
• Operation mode	_____	10%, max.: 2 min./18 min.
• IP rating	_____	IP 66

Technical and Quality Assurance Standards
 IEC 60601-1
 IEC 60601-2-52
 ISO 13485
 ISO 14971

Piyatech

ICU/CCU Bed 4090EC1



Piyatech 2023-4090EC1 V01 Validity Dec. 2024



Positions



Piyatech Sdn. Bhd.
 B3-U5-7, Solaris Dutamas, Jalan Dutamas 1,
 50480 Kuala Lumpur, Malaysia
 Tel: (+60 3) 62113120, 62112120, 62112120
 www.piyatech.com
 email: info@piyatech.com



To improve products, Piyatech Sdn. Bhd. reserves the right to make changes without notice in design, specifications, and models.

MDA Establishment License No.: MDA-1216-K120
 MDA Product Reg. No.: GMD45614744918A



Features



Bed Ends

The seamless blow-molded bed ends are lightweight, durable, and easy to clean. The bed ends are of high quality and compatible with steam cleaning. To have better access to the patient's head in emergency cases, the caregiver can easily remove the bed ends by grasping the hand holds and lifting them up in one single step. Moreover, the bed ends have integrated steel fittings which make them extremely strong so the nursing staff can move the bed by holding and pushing them without worries.



Central Locking Casters

150 mm central locking casters run extremely smoothly; the quality that makes it significantly easy for the nursing staff to move the bed. In addition, the foot pedals allow effortless transition between the three modes of the central locking system to provide a smooth and controlled single person transportation of the bed in medical centers.

- safe central locking (down)
- easy maneuvering and positioning (middle)
- fast directional movement (up)



Mattress Platforms

The mattress platforms exhibit exceptional qualities, including smooth surfaces, high durability, and effortless removal for easy cleaning and disinfection. Additionally, the mattress platforms are designed to be compatible with steam cleaning, ensuring thorough and effective sanitation.



Actuators

This bed effortlessly transitions into various positions, thanks to its robust, dependable, and low-noise actuators. With an IP66 rating, the actuators are safeguarded against dust and water, making cleaning and disinfection a hassle-free task in medical centers. This notable feature ensures the bed can be regularly maintained to meet stringent hygiene standards.



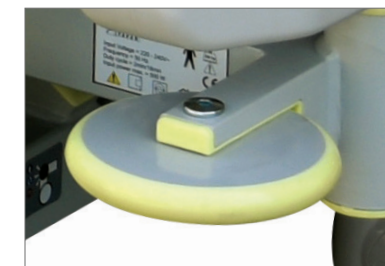
Nurse Control Panel

The easy to use Attendant Control Panel (ACP) with illustrated push buttons located at the foot end of the bed provides all the required positions, including CPR, Trendelenburg, and Reverse Trend. To decrease the risk of patient falls or positioning of the bed without nursing staff supervision, the attendant control panel is equipped with nurse lock functionality. With its IP66 rating, the ACP exhibits excellent resistance to both dust and water.



CPR Mechanism

Two CPR quick release handles are located on either side of the bed for easy and fast access in the case of an emergency. The manual quick-release mechanism operates independently from the electrical CPR of the bed that makes it fully operational in spite of a power outage.



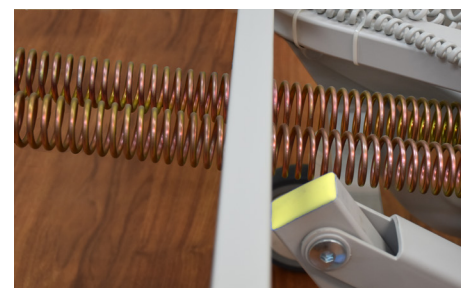
Bumpers

Innovative rotary bumpers which are located on four corners of beds can prevent to a large extent the damages that may cause collision of the bed to the surroundings during transportation.



Side Rails

The 4090EC1 bed showcases parallel side rails that exhibit a distinctive and stylish design, incorporating a combination of blow-molded plastic and steel bars. These side rails offer both protective height and length, while strictly adhering to the highest safety standards to prevent patient falls and entrapment.



Neutralizing Springs

By incorporating springs into the mechanism, the applied pressure on actuators is effectively neutralized, resulting in improved performance and durability.



Urine Bag Holder

Beds are equipped with a urine bag holder which can be easily installed on either side of the bed.