

ICU/CCU Bed

4090EC1

Type 1



ICU/CCU Bed 4090EC1 Type 1

Technical Specifications

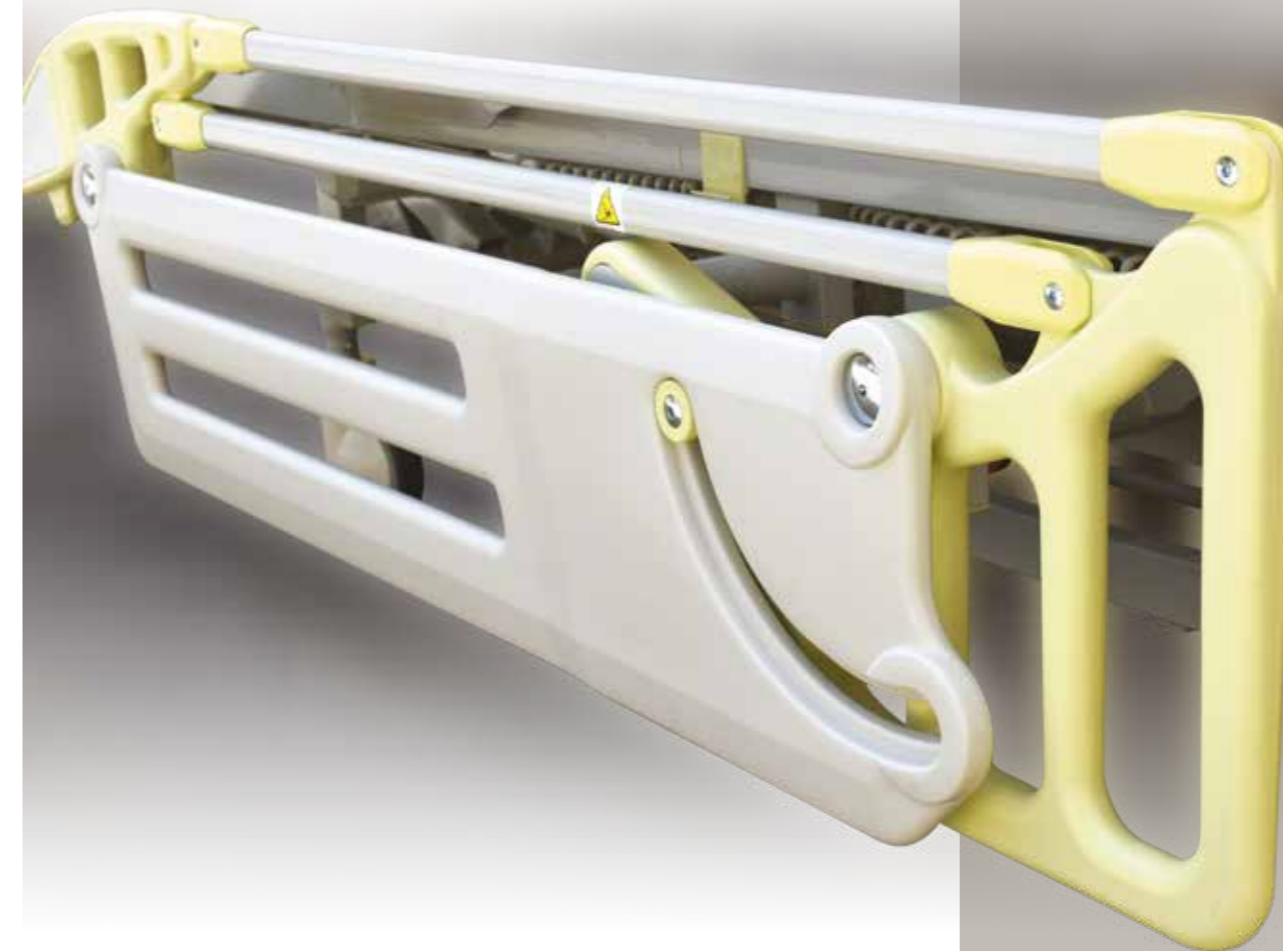


Overall dimensions	2260 mm × 1010 mm
Mattress platform	2000 mm × 810 mm
Hi - Low	~800 mm - ~500 mm
Side rail height	410 mm
Side rail length	1620 mm
Back rest angle	0 - 85°
Knee rest angle	0 - 30°
Trend. / Reverse Trend.	± 11°
Bed weight	145 kg
Safe working load	220 kg
Casters (Central locking)	150 mm
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

Features



Safety Side Locking Mechanism

Pushing up the red lever on either side of the bed engages the release mechanism allowing the side rails to fold down.

Safety side Rail Board

The parallel side rails of the 4090EC1 offer a unique and stylish design produced from a combination of blow molded plastic and steel bars to provide a protective height and length. The side rails adhere to the highest standards of safety to prevent patient falls and entrapment.



IV Stand Lifting Pole Urine Bag Traction Bar IP 66



Back rest 0-85°



Knee rest 0-30°



Cardiac Chair



Max. height ~800 mm



Min. height ~500 mm



Foot Elevation



Trend. / Reverse Trend. ±11

ICU/CCU Bed 4090EC1 Type 1



[ON-1234-S-M01-V01-M]



[N-1234-P-M04-V02-M]

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.



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.



Handset Control

User-friendly handset controller with illustrative schematics makes it simple and easy for the patient and caregiver to adjust the bed with different positions. The handset controller can be placed on both side rails for easy access. With its IP66 rating, the ACP exhibits excellent resistance to both dust and water.



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.



Mattress Platforms

The injection and blow molded 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.



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.



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.



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.



Central Locking Casters

150 mm anti-static 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)



IV Pole Holder

Four IV Pole Holders are Located on the head and foot end.