



The smartest bed on the planet.





Dr. Issac Starr

Dr. Isaac Starr was a renowned cardiologist and inventor, best known for his pioneering work in developing ballistocardiography in the mid-20th century.

Ballistocardiography is a non-invasive technique that measures the body's minute movements caused by the ejection of blood from the heart. It provides valuable insights into cardiac function and circulatory dynamics.

In modern-day contactless vitals monitoring, ballistocardiography has become a game-changer. Its non-intrusive nature allows for seamless monitoring of vital signs without any physical contact with the patient.

Issac Starr P1 Processor

imedfurns® pays a heartfelt tribute to the legacy of Dr. Isaac Starr by engraving his name on every chip manufactured for the C10 bed. This honor is a symbol of gratitude and respect for his pioneering work in developing ballistocardiography, a groundbreaking technique that revolutionized cardiac health monitoring.







Contactless Heart rate monitoring

Experience seamless patient monitoring with our innovative contactless heart rate and vitals rate monitoring system. Patients can now lie comfortably on the bed without any wires



Patient info



Contactless Respiration rate monitoring

Contactless respiration monitoring allows healthcare professionals to monitor a patient's breathing patterns without the need for any physical attachments or sensors. By simply lying on the bed, the patient's respiration rate can be accurately tracked and continuously monitored in real-time.



Low Height Indicator



Weight monitoring

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Auto-backrest

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Sleep Quality Analysis

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Alarm



IMED-C10



Contactless Heart Rate Monitoring



Exit Alarm



Status Block



Contactless Respiration Monitoring



Weight Monitoring



Auto Backrest



Low Height Indicator



Patient Information

• Experience seamless patient monitoring with our innovative contactless heart rate and vitals monitoring system. The IMED-C10 accurately tracks vital signs while patients lie comfortably without wires.

• Equipped with a 10-inch OLED display, the IMED-C10 ensures crystal-clear visuals for medical staff. The intuitive interface enhances the user experience, providing easy access to critical information. Stay up-to-date with the touch display, accessing patient information, medical records, and diagnostic results in real time. (Optional API integration with your institution's EMR system is available for added convenience.)

• The touch display includes a comprehensive status block, offering real-time updates on critical parameters like heart rate, respiration rate, weight, sleep quality, low height indication, and sensor status.

• The Auto-backrest feature adjusts the bed's backrest to a 30-degree angle or a predetermined angle during respiration struggles.

• With advanced sensor technology, the IMED-C10 detects patient exits and potential falls, prioritizing patient safety. It also displays the patient's weight for continuous monitoring.

Functions of the bed include Height, Backrest, Knee-rest, Trendelenburg, Reverse Trendelenburg, Cardiac chair, Examination, and shock position.

• The IMED-C10 prioritizes user convenience with controls on side rails for both patients and nurses. Newly designed split-type ABS side rails with angle indicators add to the bed's ease of use. The ABS head and foot boards are removable for easy cleaning. Safety features include manual CPR levers and electronic CPR buttons on the handset, nurse's panel, and side rails. The bed comes with a reliable battery backup function, ensuring uninterrupted care during power failures.

• The ABS material on the top allows effortless cleaning and X-ray permeability for medical imaging. Sleek and heavy-duty central locking castor wheels provide smooth movement. Neoprene rubber bumpers offer added safety. The 4" High density mattress ensures a comfortable and hygienic experience. Its four-sectional design allows easy adjustments, and the bed includes a urine bag holder and heavy-duty I.V. pole for convenience.

Buffer to Buffer	2165 mm x 1080 mm
Mattress Platform	1940 mm x 865 mm
Backrest	0° - 75°
Knee-rest	0° - 25°
Max. Height (Incl. Mattress)	930 mm
Min. Height (Incl. Mattress)	570 mm
Trendelenburg	19°
Reverse Trendelenburg	19°

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