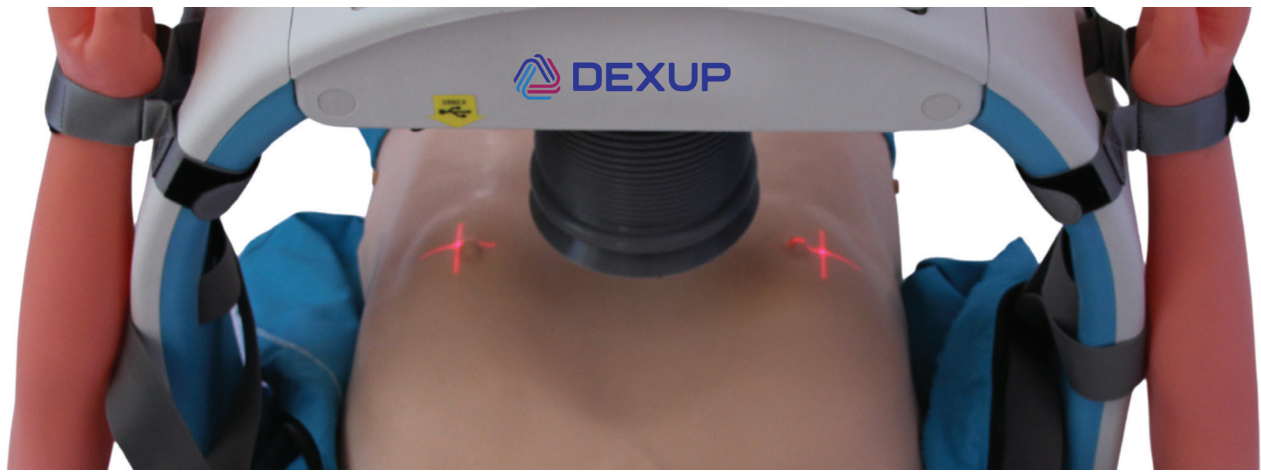




# DEXUP MECHANICAL CARDIOPULMONARY RESUSCITATION DEVICE



# PRODUCT FEATURES

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## **RAPID DEPLOYMENT WITH ONE-BUTTON START**

Enables immediate initiation of resuscitation, minimizing time to first compression and maximizing patient survival potential.

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## **COMPACT AND LIGHTWEIGHT DESIGN**

Engineered for portability with low operational noise, helping ease of transport and use in diverse emergency settings.

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## **AUTOMATED CHEST HEIGHT DETECTION**

Accurately measures patient's sternum height to deliver personalized compression depth.

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## **MULTIPLE COMPRESSION MODES**

Offers three selectable modes—Continuous, 15:2, and 30:2 to accommodate varying clinical protocols and resuscitation scenarios.

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## **GRADUAL COMPRESSION INITIATION**

The device initiates compressions progressively to minimize the risk of sudden trauma, enhancing patient safety during the onset of CPR.

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## **STREAMLINED OPERATION**

Intuitive interface and quick setup improve response time during critical emergencies, preserving the vital “golden minutes” of resuscitation.

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## **RESOURCE-EFFICIENT SUPERVISION**






Requires only one operator for monitoring during use, significantly conserving clinical workforce in high-pressure scenarios.

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# ADVANTAGES

- 1 IMPROVED SURVIVAL RATES**  
Consistent, high-quality chest compressions significantly improve patient outcomes and increase survival rates in cardiac arrest situations.
- 2 REDUCED FATIGUE**  
Eliminates the need for manual chest compressions, reducing rescuer fatigue and ensuring continuous, uninterrupted CPR.
- 3 INCREASED EFFICIENCY**  
Frees up medical personnel to focus on other critical tasks during emergency response, improving overall efficiency and patient care.
- 4 VERSATILE APPLICATION**  
Suitable for use in a wide range of emergency settings, including ambulances, hospitals, and other healthcare facilities.

## CONTRAINDICATIONS

-  Severe Chest Trauma or Deformity: Flail chest, open chest wounds, or major thoracic injuries worsened by mechanical compression.
-  Post-Thoracic Surgery or Recent Sternotomy: Risk of surgical site disruption or bleeding may increase.
-  Patients with Very Small or Very Large Body Habitus: Device limitations may impair proper positioning or function in paediatric patients or individuals with extreme obesity.
-  Patients with Implanted Devices (e.g., LVAD, Pacemakers): Risk of dislodgement and device malfunction should be checked.
-  Pregnancy (Advanced Stage): Requires manual adjustment or alternate positioning due to the risk of inferior vena cava compression.



# DEVICE SPECIFICATIONS

Product Name	Mechanical CPR Device
Model	MCPR - 3
Safety Class	Type B. Class II
Work Classification	Continuous Running
Voltage	100-240V~
Frequency	50/60Hz
Input power	180VA
Battery Rated Voltage	24V
Battery	4500mAh
Device height	65cm
Device width	54cm
Net width	8.5kg
Gross weight	9.4kg
Package size	69cm x 42cm x 22cm
Charger Output Current	3A
Charger Output Voltage	24V ---
Software Version	XFZK1.0
IP class	IPX3 (Charger excluded)
Classified according to the degree of safety in the environment of flammable anaesthetic gas	Not to use in the presence of flammable anaesthetic gas mixed with air or with oxygen or nitrous oxide
Working Mode	Continuous Running

## PATIENTS ELIGIBLE FOR DEVICE

Sternum height	17.5 to 29 CM
Chest width	48cm

## CERTIFICATIONS



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