CODEX HEALTHCARE

Mechanical Chest Compression Device

Sudden cardiac arrest is a leading cause of death world-wide. A high-quality Cardiopulmonary Resuscitation (CPR) is critical for survival. But for rescuers, it can be difficult to maintain the proper depth, rate and recoil during manual chest compression. Introducing our Mechanical Chest Compression Device a revolutionary solution for delivering high-quality, consistent CPR during emergency situations. The device ensures reliable, hands-free chest compressions to help save lives. The equipment is stable in operation which can effectively improve the success rate of cardiac resuscitation and relieve the rescuer's physical labour, the rescuer can have more time to consider the patient's other needs in order to improve the rescue effect.

Product Features

1. One-button start, which can rescue patients as quickly as possible.
2. Small size, light weight, easy to carry, low operating noise.
3. Automatically determine the patient's chest height, and quickly conduct the compression that meets the patient's physical condition well.
4. With three compression modes of Continuous, 15:2 and 30:2, it can meet a variety of rescue needs.
5. The device starts compression gradually at the beginning of compression, which protects patients from accidental injuries to the greatest extent.
6. With data output function, it is convenient to save the output of recorded data; With pressing positioning cursor, positioning can be completed quickly and accurately.
7. The operation process is simple and fast, which can maximize the prime time for rescue.
8 Only one person is required to supervise during the resuscitation process, saving first aid resources.
9. Adjustable compression frequency is 100-120 times per minute.
10. Adjustable compression depth from 3 to 6 cm, can be increased or decreased 0.5 cm each press.

Benefits

- Improved Survival Rates : Consistent, high-quality chest compressions have been shown to significantly improve patient outcomes and increase survival rates in cardiac arrest situations.
- Reduced Fatigue for Rescuers : Eliminates the need for manual chest compressions, reducing rescuer fatigue and ensuring continuous, uninterrupted CPR.
- Increased Efficiency : Frees up medical personnel to focus on other critical tasks during emergency response, improving overall efficiency and patient care.
- Versatile Application : Suitable for use in a wide range of emergency settings, including ambulances, hospitals, and other healthcare facilities.

Indications

This device can be used in a wide variety of situations and settings, on the scene, during patient movement, during transport in road and air ambulances, in hospitals

Patients Eligible for Device

Sternum height	15.5 to 29cm
Chest width	48cm

Product Specifications

Product Name	Portable Cardiopulmonary Resuscitation Device
Model	PIH-03
Safety Class	Type B. Class II
Work Classification	Continuous Running
Voltage	100-240V~
Frequency	50/60Hz
Input Power	180VA
Battery Rated Voltage	24V
Battery Capacity	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	XFZK.1.0
IP Class	IPX3 (Charger excluded)
Classified According to the Degree of Safety in the environment of Flammable Anesthetic Gas	Device is not intended for use in the presence of flammable anesthetic gas mixed with air or with oxygen or nitrous oxide
Working Mode	Continuous Running

How to use

1. Ensure the patient is positioned supine on a firm surface.
2. Verify that the device is fully charged or connected to a power source.
3. Select the appropriate size backboard and place it under the patient's torso.
4. Align the device's compression piston with the patient's sternum.
5. Secure the straps around the patient to ensure proper placement.
6. Adjust the piston height as needed to ensure proper compression depth.
7. Turn on the device and select the desired compression rate and depth settings.
8. Monitor the patient's condition continuously during use.
9. Be prepared to pause or stop the device for pulse checks, rhythm analysis or other medical interventions.
10. Ensure clear communication with the medical team regarding the device's operation and patient status.

CODEX HEALTHCARE

Codex Healthcare Pvt. Ltd.

+91 95116 98370
+91 73853 04200
www.codexhealthcare.co.in
sales@medbuyer.in
Shop No. 17, Swamipuram Building, Sadashiv Peth, Pune - 411030, Maharashtra, India