

ROSC-U

Miniature Chest Compressor

CONTROLLED CPR™



The Challenge: A sudden cardiac arrest victim's chance of survival decreases 10% for every minute they fail to receive quality continuous chest compressions.*

However, administering consistent manual chest compressions at the AHA's recommended rate and depth can be challenging for healthcare providers to maintain beyond two minutes.

The ROSC-U™ Miniature Chest Compressor is a compact CPR device that delivers consistent chest compressions (rate and depth). It is secured directly to the chest by a wide belt called a Torso Restraint which wraps around the patient.



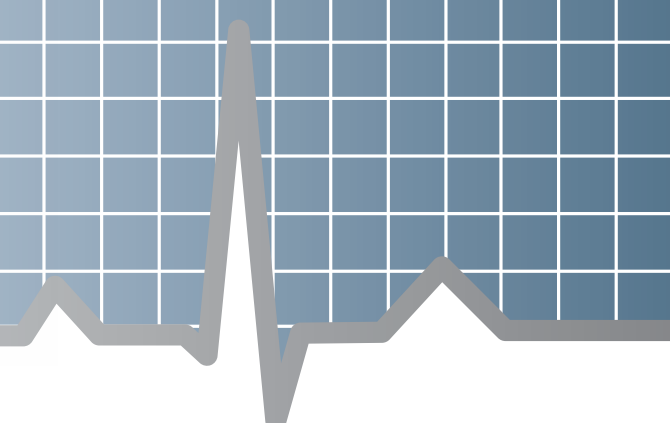
This system produces and contains compression force unique to its design, which improves hemodynamic efficacy, increasing the success of CPR. The distinctive function of the ROSC-U™ Miniature Chest Compressor can cause less injury to a patient's chest when compared to other CPR methods.

The combination of a low profile and special method of patient attachment allows the ROSC-U™ Miniature Chest Compressor to perform CPR in challenging situations such as during patient transport, in a moving vehicle and in a Cath Lab.

The ROSC-U™ Miniature Chest Compressor has been compared to a Hybrid device providing both Sternal Displacement (piston effect) and Circumferential Chest Compression (load distribution effect) simultaneously.



- ▶ **Delivers Circumferential Chest Compressions vs. Single Point Compression:**
 - More Effective Chest Compression
 - Improved Perfusion
- ▶ **Compressions Adjust to the Anatomy of the Individual Patient:**
 - Reducing Occurrences of Patient Injuries
 - Increasing Use Time by Decreasing Energy Required
- ▶ **Frees Up Personnel Allowing for:**
 - Focus on Other Critical Functions
 - Improved Communication and Coordination of Care
- ▶ **Can be Used with Virtually any Transport Device - No Backboard Required**
- ▶ **Intuitive, Easy to Use, and No Complicated Programming**
- ▶ **Compact Size and Weight Requiring Little Storage Space**
- ▶ **Uses Lithium Iron Phosphate Battery Technology (up to 3 hours use on a full charge)**
- ▶ **Very Little Training Required of Personnel**
- ▶ **10 Second Deployment Minimizes CPR Interruptions**
- ▶ **Low Cost of Ownership Compared to Competitive Products**
- ▶ **Allows CPR to be Performed Longer with Greater Consistency than Manual CPR**



ROSC-U™ Specifications

Weight:	Compressor Assembly	7.2 lbs. (3.27 kg)
	Battery Control Unit	10.1 lbs. (4.58 kg)
Size:	Compressor Assembly	7.15 in x 5.0 in x 7.75 in (18.16 cm x 12.70 cm x 19.69 cm)
	Battery Control Unit	10.0 in x 6.0 in x 9.0 in (25.4 cm x 15.24 cm x 22.86 cm)
Battery Type		Lithium Iron Phosphate
Compression Depth		1.38 in. / 1.69 in. / 2.0 in. (Adjustable) (3.5 cm / 4.3 cm / 5.1 cm)
Compression Frequency		100/min ±
Duty Cycle		50 ± 5
Interruption of Manual Compressions		10 sec.
Patient Size		30.7 in - 51.1 in. Chest Circumference (78.0 cm - 129.8 cm)
Patient Weight		Limited only by the patient's ability to fit
Run Time per Charge		Up to 3 Hours use on a full charge
Operating Temperature		-20 to 40° C / -4 to 104° F
Storage Temperature		-20 to 60° C / -4 to 140° F
Relative Humidity		5% to 65%, non-condensing
Compression Modes		Operator Selectable: <ul style="list-style-type: none">• Continuous Compressions• 30:2 (30 compressions followed by a 3 second pause for ventilation)



A03-01-000 ROSC-U™
Mechanical CPR System



A03-1B-000 ROSC-U™
Battery Control Unit Only



A02-58-134
Disposables Pack - 10 each of:

- Torso Restraints
- Head Stabilizer Covers

For pricing contact your authorized ROSC-U™ distributor.



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