

# 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.

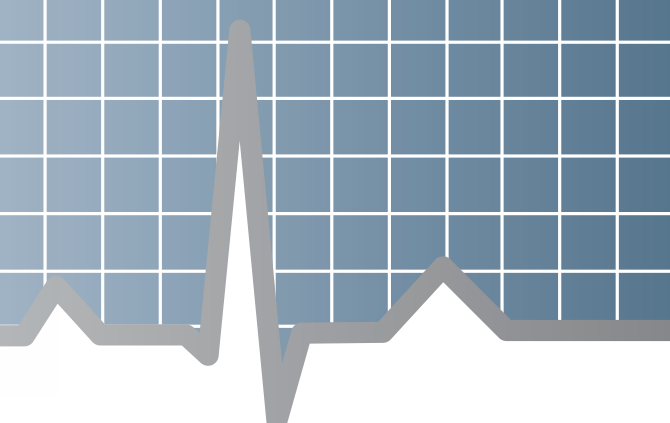
The ROSC-U™ Miniature Chest Compressor has been compared to a Hybrid device providing both Sternal Displacement (piston effect) and Circumferential Chest Compression (load distribution effect) simultaneously.



## Controlled CPR™

- ▶ **Compressions Adjust to the Anatomy of the Individual Patient:**
    - Increasing Use Time by Decreasing Energy Required
  - ▶ **Allows for the Selection of Depth of Chest Compressions**
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- ▶ **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 Seconds or less 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

<b>Weight:</b>	<b>Compressor Assembly</b>	7.2 lbs. (3.27 kg)
	<b>Battery Control Unit</b>	10.1 lbs. (4.58 kg)
<b>Size:</b>	<b>Compressor Assembly</b>	7.15 in x 5.0 in x 7.75 in (18.16 cm x 12.70 cm x 19.69 cm)
	<b>Battery Control Unit</b>	10.0 in x 6.0 in x 9.0 in (25.4 cm x 15.24 cm x 22.86 cm)
<b>Battery Type</b>		Lithium Iron Phosphate
<b>Compression Depth</b>		1.38 in. / 1.69 in. / 2.0 in. (Adjustable) (3.5 cm / 4.3 cm / 5.1 cm)
<b>Compression Frequency</b>		100/min $\pm$ 1
<b>Duty Cycle</b>		50 $\pm$ 5
<b>Interruption of Manual Compressions</b>		10 Seconds or Less
<b>Patient Size</b>		30.7 in - 51.1 in. Chest Circumference (78.0 cm - 129.8 cm)
<b>Patient Weight</b>		Limited only by the patient's ability to fit
<b>Run Time per Charge</b>		Up to 3 Hours use on a full charge
<b>Operating Temperature</b>		-20 to 40° C / -4 to 104° F
<b>Storage Temperature</b>		-20 to 60° C / -4 to 140° F
<b>Relative Humidity</b>		5% to 65%, non-condensing
<b>Compression Modes</b>		Operator Selectable: <ul style="list-style-type: none"><li>• Continuous Compressions</li><li>• 30:2 (30 compressions followed by a 3 second pause for ventilation)</li></ul>



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



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

- Torso Restraints
- Head Stabilizer Covers



**A02-60-134**  
**Disposables Pack - 5 each of:**

- Torso Restraints
- Head Stabilizer Covers

*For pricing contact your authorized ROSC-U™ distributor.*



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