Lifeforce™

MARINE AEDS

Saving your crew with the push of a button

martek™ MARINE
Innovative Ship Solutions

What is Sudden Cardiac Arrest?

Sudden Cardiac Arrest (SCA) is a life-threatening condition that causes the heart's rhythm to abruptly become chaotic. Victims of SCA suddenly collapse, become unresponsive, stop breathing, and have no detectable pulse.

- **A Silent Killer:** SCA claims a life every 3 minutes, regardless of age or fitness level.
- **Time is Critical:** Your chance of survival decreases by 10% with each passing minute.
- **Global Impact:** Over 3 million people worldwide die from SCA annually.
- **A Matter of Life and Death:** The global survival rate for SCA is a mere 1%.

The only effective treatment for SCA is immediate defibrillation.

Without an AED on board, there's no chance of saving a crew member's life after a cardiac arrest. This is why more and more ship owners recognise the importance of equipping their vessels with these life-saving devices.

Symptoms of Sudden Cardiac Arrest:

- sudden collapse
- unresponsive
- stop breathing
- no detectable pulse

The Importance of AEDs on Vessels

The causes of SCA can include:

- coronary heart disease
- undiagnosed heart conditions
- accidental falls
- chest trauma
- exposure to toxic gases
- asphyxiation
- hypothermia
- electrocution

Given the potential causes outlined above, the risk of SCA on board a ship is a serious concern, and immediate medical attention is crucial in such an event. However, given the remote nature of many maritime operations, timely emergency assistance may only sometimes be feasible. Every minute counts, as the chances of survival decrease significantly with each passing moment.

The Lifeforce AED range is designed to be simple and effective, even for those without medical training. Combining rapid analysis with efficient shock delivery, the Lifeline and Lifeline VIEW defibrillators maximise the chances of survival in a cardiac emergency and form the basis of our Lifeforce AED range. With its rapid analysis and shock delivery, the Lifeforce AED range maximises the chances of survival in a cardiac emergency.

The Lifeforce AED range is durable and reliable. The units are built to withstand harsh marine environments, and their rugged design ensure that they can handle the rigours of life at sea

By equipping your vessel with a defibrillator from our Lifeforce range, you're proactively protecting your crew and safeguarding against the world's biggest killer!

Lifeforce™ MARINE AEDS

Lifeline AED | **Lifeline VIEW**

Simple and Effective
Easy-to-use design for the quickest response.

Rugged and Resilient
Built to withstand harsh Marine environments.

Long Battery Life
Extended battery life for increased reliability.

Military-Grade Specifications
Tested to rigorous standards for maximum durability.

Future-Proof
Easily upgradable to meet the latest resuscitation guidelines.

Comprehensive Warranty
Industry-leading 8-year warranty coverage.

Training Flexibility
Easily convertible into a training unit.

Multilingual Options
Available in multiple single and dual language options for global use.

Lightweight and Portable
Compact and easy to transport.

Guaranteed Compliance
Meets all relevant Marine safety and regulatory standards.

The Lifeline AED:

Your First Line of Defence

The Lifeline AED is designed to be the simplest and most effective defibrillator on the market. Its clear, step-by-step audio instructions guide users through the rescue process, making it easy for untrained individuals to administer life-saving shocks. In critical moments, every second counts, and the Lifeline AED is designed to maximise survival rates.

Built to withstand harsh marine environments, the Lifeline AED is durable and reliable. Its robust design includes a bright yellow casing for maximum visibility and a rubberised handle and edges for protection from accidental damage. The Lifeline AED can be tailored to your specific needs and regulatory requirements with semi-automatic and fully automatic models and standard and high-capacity battery options.

By equipping your vessel with a Lifeline AED, you're proactively protecting your crew and passengers against long rescue intervention times. Its user-friendly design, rapid deployment, and advanced technology make it the ideal choice for maritime safety.

Key benefits of using the Lifeline AED at sea include:

- **User-friendly:** The world's simplest AED with easy-to-follow voice prompts
- **Safe and Reliable:** Automatic analysis only allows required shocks
- **Rugged and Durable:** IP54 Rated and built to military standards
- **Easily Portable:** Robust handle and lightweight build
- **Self-Testing:** Ensures the device is always rescue-ready
- **Long Battery Life:** Provides extended usage time
- **Future-Proof:** Easily updatable to meet the latest standards

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The Lifeline VIEW:

Your Visual Guide to Saving Lives

The Lifeline VIEW is not just an AED; it's your life-saving coach. Its full-colour screen provides clear, step-by-step visual and audio instructions, making it easy for anyone to respond to a cardiac arrest, even in stressful situations. Whether you're the trained on duty first aider or simply the first person to attend the site of an SCA incident, the Lifeline VIEW's intuitive design guides you through every step of the process.

Built to withstand the rigours of the marine environment, the Lifeline VIEW is both durable and reliable. Its robust construction, IP55 rating, and impact-resistant design ensure it can withstand harsh conditions. Additionally, the device's long-lasting battery and self-testing features provide peace of mind, knowing it's always ready when needed.

By equipping your vessel with a Lifeline VIEW, you're equipping your people with the only treatment to tackle Sudden Cardiac Arrest. Its user-friendly design, advanced technology, and clear visual guidance make it the ideal choice for maritime safety.

Key benefits of using the Lifeline VIEW at sea include:

- **Simple and Intuitive:** Easy-to-follow visual and audio instructions
- **Multilingual Support:** Available in up to 25 languages to accommodate diverse crews
- **Rapid Response:** Quick analysis and rapid shock delivery
- **Durable and Portable:** Built to withstand harsh marine environments
- **Weatherproof:** IP55 rated for protection against water and dust
- **Self-Testing:** Ensures the device is always ready for use
- **Long Battery Life:** Provides extended usage time
- **Customisable:** Configurable to meet specific requirements

Lifeforce MARINE AEDS

Compare our defibrillators

Lifeforce™ MARINE AEDS	Lifeline AED	Lifeline VIEW
Battery Capacity	Battery options available: Standard Capacity (4.5-5 Years) and High Capacity (6.5-7 Years)	Standard Capacity Battery (3.5-4 years)
Screen	No Screen	Full-colour Screen
Shock Type	Semi-Automatic (2 button rescue operation) and Automatic (1 button rescue operation) options available	Semi-Automatic (2 button rescue operation) and Automatic (1 button rescue operation) options available
No. of Shocks	125 / 300 *	125
Hours of Continuous Operation	8 / 16 *	8
Languages Programmable	Up to 22 language options available	Up to 32 language options available, including 18 dual-language options
Size	22 x 30 x 7 cm	18.5 x 24 x 5.8 cm
Weight	1.9kg / 2kg *	1.4kg

* – Multiple answers are for Standard Capacity Battery / High Capacity Battery

What packages are available?

SAVE more than 10% and buy everything you need to save lives in one go

Bronze Package

- Lifeline Standard Semi-Auto Defibrillator
- Standard Lithium Battery Pack and 9-Volt Battery
- Indoor Cabinet
- 2 Pairs of Defibrillator Pads
- 1 Rescue Kit – Scissors, Razor, Wipes, Face Shield and Gloves

Silver Package

- Lifeline High-Capacity Semi-Auto Defibrillator
- High-Capacity Lithium Battery Pack and 9-Volt Battery
- Indoor Cabinet
- 2 Pairs of Defibrillator Pads
- 1 Rescue Kit – Scissors, Razor, Wipes, Face Shield and Gloves

Gold Package

- Lifeline VIEW Semi-Auto Defibrillator
- Standard Lithium Battery Pack
- Indoor Cabinet
- 2 Pairs of Defibrillator Pads
- 1 Rescue Kit – Scissors, Razor, Wipes, Face Shield and Gloves

Lifeforce MARINE AEDS

What training options are available?

While the Lifeforce range is designed to be user-friendly, we recommend training to enhance user confidence and ensure optimal performance.

Investing in training empowers your team to respond confidently and effectively to cardiac emergencies, potentially saving lives.

Choose the Right Training Solution for Your Needs:

Comprehensive Training Course:
Our in-depth training course covers all aspects of AED use, including CPR and essential life support.

Learn from experienced instructors and learn how to handle cardiac emergencies effectively.

Standalone Training Unit:
This dedicated training device allows you to simulate real-life scenarios, practice using the AED, and refresh your skills.

Training Upgrade Package:
This package temporarily converts your existing Lifeforce AED into a training unit for hands-on practice and regular training drills.

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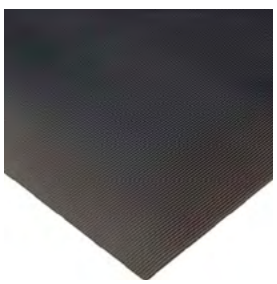
Spares and Accessories

Item	Image	Description
Replacement Defibrillator Pad Packages **Lifeline Replacement Pads – 100908** **VIEW Replacement Pads – 101439**		Provides back-up defibrillation pads if the primary set are used, lost or damaged at sea. **Giving peace of mind that your AED is always rescue-ready!**
Replacement Battery Packs **Lifeline High-Capacity Battery Pack – 100907** **VIEW Replacement Battery – 101438**		Replacement battery packs are ready to be deployed if your existing battery is depleted or has expired. **This peace of mind ensures your AED will always be ready in an emergency!**
AED Carry Cases, including Emergency Response Kit **Lifeline Carry Case – 100915** **VIEW Carry Case – 101442**		With specific options for each defibrillator unit, our carry cases can hold a unit and all the associated spares to offer convenient storage and transportation to any location onboard. Whether you need the AED on deck or in a tank, these cases can be carried by hand using the hand grip or hands free with the shoulder straps. **Ensuring that the rescuer has everything they need and both hands spare to safely reach the victim!**
6mm Insulating Switchboard Matting		Available in 2 metre or 5 metre lengths. • 6mm Insulating Switchboard Matting • Width 915mm • Length 2m or 5m

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Spares and Accessories

Item	Image	Description
Bulkhead Bracket 100919		This bulkhead bracket simply fixes to the bulkhead in minutes and a secures the Lifeforce range of AEDs in rough weather. It provides a dedicated AED storage location that can be written into emergency protocols. **Ensuring everyone onboard knows where to locate the AED and save a life quickly when every second counts!**
Wall Mounted Cabinet Alarmed		This wall mounted cabinet is alarmed to protect against theft or damage, perfect if you will be keeping your defibrillator in a public area. • Alarmed • Strong metal casing for increased durability and longevity • Large design to accommodate all sizes of defibs and their carry cases • A clear glass door enables anyone to see the lifesaving defibrillator & that it is ready to be used • Aluminium grip handle for ease of access • Fixings for wall mounting included
Wall Mounted Cabinet Non-Alarmed		Keeping your life-saving defibrillator in a cabinet at a fixed location ensures that its presence is noted and that it can be accessed immediately in the event of a cardiac emergency. Same as above but non-alarmed.

Customer Testimonials

What Our Customers Say

"The Lifeline AED from Martek Marine met all our criteria. We have mandated the requirement for AEDs on every ship to protect against the World's biggest killer - Sudden Cardiac Arrest.

We hope and expect this to raise the standards of the industry and give crews a choice to sail with caring employers"

V-Ships

"We chose to equip our ship's with Martek's Lifeline Automated External Defibrillator (AED) as it is simple to use, requires no specialist training or knowledge from the crew and provides a shock only as and when required. "

Carlo Incoronato - Fratelli D' Amico Armatori

"We believe it is essential that other operators follow suit by providing defibrillators on-board their ships. It can make the difference between life and death."

Allan Graveson - Senior National Secretary, Nautilus UK

"Having completed a broad market investigation, it became clear that Martek Marine were able to provide a unit at reasonable cost, specifically tailored for the fairly unforgiving demands of the marine industry.

This, combined with the evident simplicity of use, guided the decision which has not been regretted."

Tony Loizou - Managing Director, Maestro Shipmanagement (Cyprus) Ltd

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"Tamar Ship Management has chosen to place on board of all vessels the Martek AED for two reasons: We care about our Crew – the most important asset in a Shipping Company; The Martek AED is one of the most fail-proof and the most user-friendly piece of equipment ever seen."

Captain Bogdan, Tamar Ship Management HK

Frequently Asked Questions

What if my crew fears using the AED?

Lifeforce AEDs are designed to be user-friendly, minimising the risk of misuse. The device automatically analyses the heart rhythm and delivers a shock only when necessary. With clear voice prompts and simple instructions, even untrained individuals can confidently use the AED.

How easy to use are defibrillators?

Modern defibrillators, like the Lifeforce range, are incredibly user-friendly. They feature simple designs with clear instructions, making them accessible to everyone. Independent studies have consistently shown that Lifeforce AEDs are among the easiest to use, even for those without formal medical training.

What if I don't have a crew qualified to use an AED?

While training can enhance confidence, it's optional. Lifeforce AEDs are designed to be intuitive and easy to use. However, training can provide valuable knowledge and skills to maximise the device's effectiveness.

martek MARINE
Innovative Ship Solutions

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Martek Sustainability Statement

We are dedicated to building a sustainable and profitable business while continuing to operate responsibly with honesty, integrity and fairness.

At Martek Marine, we are committed to establishing high ethical standards of behaviour and effective corporate governance. This defines our strategic and financial objectives. Corporate responsibility remains central to delivering our strategy and achieving our success.

We are committed to conducting business in an environmentally responsible manner. We are putting in place processes to understand and address our responsibilities in respect of our operational impacts on the environment.

We aim to reduce the use of replacement parts and calibration to help overcome waste and excessive carbon emission.

Pioneering sustainable and innovative solutions for ship safety, performance and crew welfare.

www.martek-marine.com