



LIFEPAK® 15 MONITOR/DEFIBRILLATOR
For Emergency Medical Services

A paramedic in a dark uniform and blue gloves is shown from the waist down, carrying a large, grey LIFEPAK 15 monitor/defibrillator. The device has a screen and various buttons. The paramedic is standing next to an ambulance, which has orange and blue stripes and the number '7' visible. The word 'UNIT' is partially visible on the side of the ambulance. The background is slightly blurred, showing a residential area.

LIFEPAK® 15 MONITOR/DEFIBRILLATOR

When you respond to emergencies,
you need the most advanced monitor/
defibrillator that sets the new standard
in innovation, operations and toughness.



The LIFEPAK 15 monitor/defibrillator delivers.

Physio-Control defibrillators have set the standard for over 55 years, and the latest version of the LIFEPAK® 15 monitor/defibrillator raises the bar. As our most advanced emergency response monitor/defibrillator, the LIFEPAK 15 device balances sophisticated clinical technologies and supreme ease of use in a device that's tough enough to stand up to your most challenging environments. Evolving from its original platform, the 15 adds new features—temperature monitoring and external power—to complement existing features which include 360J energy and 12-lead ECG transmission. And that means your team can be even more effective.

A LIFEPAK device never stands on its own—and the LIFEPAK 15 monitor is no different. Physio-Control is committed to providing innovative solutions for emergency response care, from first responders to throughout the hospital.

Our products have helped save tens of thousands of lives. We're proud to continue this work with new features in the LIFEPAK 15 monitor/defibrillator.

The new standard in clinical innovation.

The pioneer in portable defibrillation and monitoring technology, Physio-Control is committed to creating technologies and devices that change the way you provide emergency care. You can see the results in the latest version of the LIFEPAK 15 monitor/defibrillator, which sets a new standard in innovation—yet again.



Advanced monitoring parameters

With more monitoring capabilities than any other monitor/defibrillator, the 15 gives you EtCO₂ with continuous waveform capture*. Masimo® Rainbow® technology helps you detect hard-to-diagnose conditions and improve patient care with noninvasive monitoring of carbon monoxide, SpO₂ and methemoglobin. In addition, the 15 now offers temperature monitoring—and like other data, you can transmit it to other systems, trend it, or display for post-event review in CODE-STAT™ data review software.



Advanced support for treating cardiac patients

The 15 continuously monitors all 12 leads in the background and alerts you to changes using the ST-Segment trend monitoring feature, after acquiring the initial 12-lead. Additionally, STJ values are now included on the 12-lead printout to help you identify changes. The 15 also works seamlessly with the web-based LIFENET System 5.0, so you can automatically share critical patient data with multiple patient care teams.

Full energy up to 360 joules, for every patient who needs it

The LIFEPAK 15 monitor/defibrillator features 360J biphasic technology, which gives you the option of escalating your energy dose up to 360J for difficult-to-defibrillate patients. Why is this necessary? Recent studies have shown that refrillation is common among VF cardiac arrest patients and that defibrillation of recurring episodes of VF is increasingly difficult. Another recent randomized controlled clinical trial shows the rate of VF termination was higher with an escalating higher energy regimen of 200J and over.¹

Proven CPR guidance and post event review

The CPR Metronome in the LIFEPAK 15 monitor uses audible prompts to guide you without distracting vocal critique. A metronome has been a feature that has been demonstrated to help professionals perform compressions and ventilations within the recommended range of the 2010 AHA Guidelines. Post-event review of CPR data and delivering feedback to the team has been shown to be effective in improving CPR quality in both hospital and out-of-hospital.^{2,3,4} And by transmitting code data directly to CODE-STAT Data Review software, EMS personnel can review CPR statistics and provide training and feedback where it is most needed.

Post-event review of CPR data and delivering feedback to the team has been shown to be effective in improving CPR quality in both hospital and out-of-hospital.^{2,3,4}



LIFEPAK[®] 15 MONITOR/DEFIBRILLATOR





The new standard in operational effectiveness.

Flexible, connected and easy to use, the LIFEPAK 15 monitor/defibrillator was designed based on the feedback and needs specific to working in the field.

Dual-mode LCD screen with SunVue™ display

Switch from full-color to high-contrast SunVue mode with a single touch for the best full-glare view in the industry. A large screen (8.4 inches diagonally) and full-color display provide maximum viewability from all angles.

Flexible power options

Choose between external worldwide AC or DC power, or use the latest Lithium-ion dual battery technology for up to six hours of power. The LIFEPAK 15 monitor's two-battery system requires no maintenance or conditioning, and allows you to charge batteries in the device. In addition, you can track the status and service life of your batteries using LIFENET® Asset, part of the LIFENET System data network.

Data connectivity

The 15 collects code summaries and equipment status data along with critical clinical information as you treat patients. Using LIFENET Connect, part of the LIFENET System data network, the code summaries can be sent directly to your quality improvement team for review with CODE-STAT Data Review Software. Your equipment manager can also view equipment status on the LIFENET System 5.0 using LIFENET Asset and alert you to any potential issues.

Upgradable platform

The 15 platform is flexible enough to adapt to evolving protocols and new guidelines, and can be upgraded as you're ready to deliver new capabilities. With more processing power and speed, the 15 is designed to grow as your needs change, helping you avoid costly premature replacements.

Attention to detail

The LIFEPAK 15 monitor is designed based on field feedback to make it a more effective tool. The 15 has a larger handle for easier handoffs, an easy to clean keypad, and a common interface to the LIFEPAK 12 defibrillator/monitor that helps reduce training.

Code summaries can be sent directly to your quality improvement team for review with CODE-STAT Data Review Software.

The new standard in toughness.

We believe LIFEPAK equipment should live up to the highest expectations of those working in the harshest settings. The 15 is LIFEPAK TOUGH, with improved ruggedness and durability you can rely on.

Works when dropped, kicked, soaked or dirty

The LIFEPAK 15 monitor/defibrillator passes 30-inch drop tests, which is equal to falling off a cot or dropping it in transit. And with an IP44 rating, it doesn't matter how wet or dirty it gets, so you can keep working in steady wind, rain and other harsh environments.

Toughened inside and out

We heard from emergency response teams that they wanted a tougher device—so we added a shock-absorbing handle, a double-layer screen that can take a beating from doorknobs and cot handles, and redesigned cable connections for confident monitoring and therapy delivery.

Unmatched field service

The unit's self-checking feature alerts our service team if the device needs attention. Our on site maintenance and repair, access to original manufacturer parts, and highly trained, experienced service representatives give you the peace of mind that your LIFEPAK 15 monitor will be ready when you need it.*



Data connectivity



LIFEPAK TOUGH™



Dual-mode LCD screen with SunVue display

* A variety of customized service options are available.

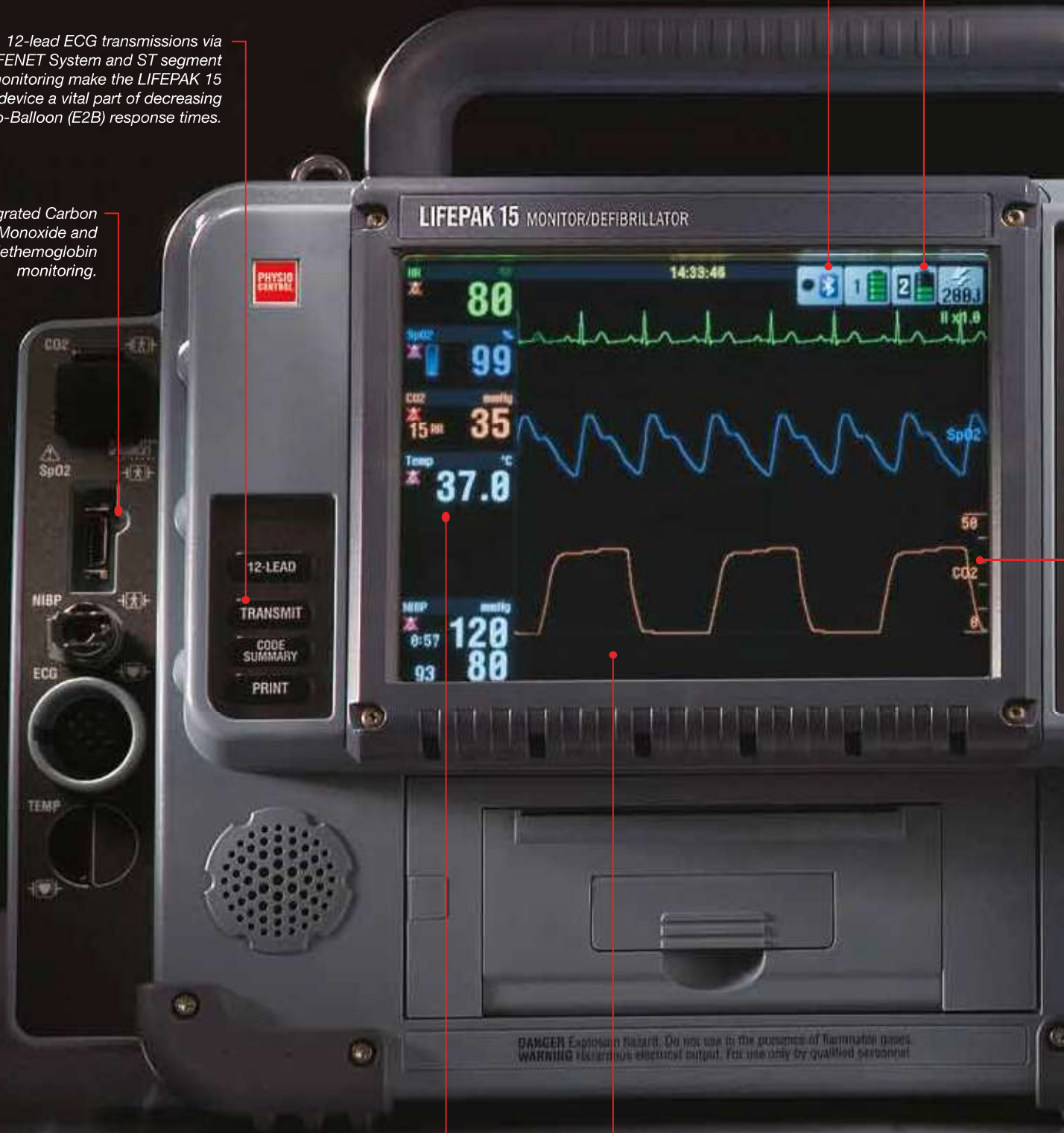
LIFEPAK¹⁵ MONITOR/DEFIBRILLATOR

The latest Lithium-ion battery technology and dual battery system allows for nearly six hour run time, automatic switching between external power and batteries, and an approximate two-year replacement cycle.

Easy one-touch Bluetooth[®] data transmission.

12-lead ECG transmissions via the LIFENET System and ST segment trend monitoring make the LIFEPAK 15 device a vital part of decreasing EMS-to-Balloon (E2B) response times.

Integrated Carbon Monoxide and Methemoglobin monitoring.



On-screen temperature display in either Celsius or Fahrenheit.

Large screen for better visibility and easy monitoring and one touch to switch from LCD color view to SunVue mode for best viewing in sunlight.

Ergonomically designed handle has built-in shock absorbers for cushion and fits two gloved hands for easy pass off.

CPR Metronome, a proven technology that actively guides users to a consistent compression rate without the need for extra external hardware.

Integrated Oridion EtCO₂ provides waveform ranges as low as 0–20 mmHg to help identify ROSC or gauge CPR quality, consistent with the AHA guidelines.

Redesigned cable connector gives you the confidence for secure therapy delivery.

The LIFEPAK 15 monitor/defibrillator at a glance.



LIFEPAK 15 MONITOR/DEFIBRILLATOR

For more than 55 years, Physio-Control has been developing technologies and designing devices that are legendary among first response professionals, clinical care providers, and the community.



A legacy of trust.

Since we were founded in 1955, Physio-Control has been giving medical professionals around the world legendary quality and constant innovation. Our LIFEPAK devices have been carried to the top of Mount Everest. They've been launched into orbit on the International Space Station. And you'll find more than half a million units in use today on fire rescue rigs, ambulances, and hospital crash carts worldwide.

We are inspired and informed by the rescuers who choose our products to save lives. The knowledge gained from working with some of the world's largest EMS organizations helps us constantly improve clinical standards and durability.

Today, we continue our legacy of innovation with leading new technologies that improve patient care. Our 360J biphasic technology gives patients the best chance at survival. Our secure, web-based flow of ECG data helps improve STEMI patient outcomes. And our carbon monoxide monitoring helps catch the number one cause of poisoning deaths.

From the streets to the emergency room to the administrative office, we offer a powerful suite of solutions that range from code response to quality control analysis. And even as we bring ground-breaking products to the market, some things don't change. As always, when you choose our products, you don't just get a device. You also get the most comprehensive warranty in the business, industry-leading technical service, and a partner with over 55 years of experience in emergency care.

*For more information about the LIFEPAK 15 monitor/defibrillator—and how it can help you do what you do best—please contact your local Physio-Control representative or visit **www.physio-control.com**.*

Physio-Control Family of Products and Services

Defibrillators/Monitors



LIFEPAK CR® Plus Automated External Defibrillator

Featuring the same advanced technology trusted by emergency medical professionals—yet simple to use—the fully-automatic LIFEPAK CR Plus AED is designed specifically for the first person to respond to a victim of sudden cardiac arrest.



LIFEPAK® 1000 Defibrillator

The LIFEPAK 1000 Defibrillator is a powerful and compact device designed to treat cardiac arrest patients and provide continuous cardiac monitoring capabilities. Built-in flexibility allows the 1000 to be programmed for use by first responders or professionals and enables care providers to change protocols as standards of care evolve.



LIFEPAK® 15 Monitor/Defibrillator

The LIFEPAK 15 monitor/defibrillator is the new standard in emergency care for ALS teams who want the most clinically innovative, operationally effective, and LIFEPAK TOUGH device available today.



LIFEPAK® 20e Defibrillator/Monitor

Clinically advanced and packed with power, the LIFEPAK 20e defibrillator/monitor is highly intuitive for first responders, and also skillfully combines AED function with manual capability so that ACLS-trained clinicians can quickly and easily deliver advanced therapeutic care.

CPR Assistance



LUCAS® Chest Compression System

Designed to provide effective, consistent, and uninterrupted compressions according to AHA Guidelines, LUCAS can be used on adult patients in out-of-hospital and hospital settings.

Information Management



LIFENET® System

The LIFENET System provides EMS and hospital care teams with reliable, quick access to clinical information through a secure, web-based platform, helping to improve patient care flow and operational efficiency.

CODE-STAT™ 9.0 Data Review Software

CODE-STAT 9.0 data review software is a retrospective analysis tool that provides easy access to data, reports, and post-event review.



ReadyLink™ 12-Lead ECG

Handheld, portable, and easy-to-use, the revolutionary ReadyLink 12-Lead ECG quickly and easily captures and transmits 12-lead data to hospitals through the LIFENET System. Doctors can provide chest pain decision support, so teams in the field know exactly what kind of care the patient needs and where to take them.

Support



Physio-Control Service

As the world's leading provider of defibrillation technology, Physio-Control understands our responsibility to maintain the reliability of our lifesaving defibrillator/monitors. We have over 100 field-based technical service representatives worldwide. Physio-Control is committed to service 24/7, and to returning a customer's call within two hours to quickly assess the problem and find the best solution (U.S.). If needed, a technical service representative will be on-site within 24 hours (U.S.).

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REFERENCES

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- 3 Olasveengen TM, Wik L, Kramer-Johansen J, et al. Is CPR quality improving? A retrospective study of out-of-hospital cardiac arrest. *Resuscitation*. 2007;75:260-266.
- 4 Fletcher D, Galloway R, Chamberlain D, et al. Basics in advanced life support: A role for download audit and metronome. *Resuscitation*. 2008;78:127-134.

*All claims valid as of September 2012.

For further information please contact your local Physio-Control representative or visit our website at www.physio-control.com



Physio-Control Headquarters

Redmond, WA 98052
www.physio-control.com

Customer Support
P. O. Box 97006
Redmond, WA 98073
Toll free 800 442 1142
Fax 800 426 8049

Physio-Control Canada

Physio-Control Canada Sales, Ltd.
7111 Syntex Drive, 3rd Floor
Mississauga, ON
L5N 8C3
Canada
Toll free 800 895 5896
Fax 866 430 6115



Physio-Control, Inc., 11811 Willows Road NE, Redmond, WA 98052 USA