

# LIFEPAK<sup>®</sup> 1000

defibrillator



**Product Brochure**

## Simple. Flexible. Powerful.

Not every cardiac emergency is the same. Neither is every responder. Your world demands flexibility—and that's exactly what the LIFEPAK 1000 defibrillator from Stryker delivers.



### The right tool at the right time.

The rugged LIFEPAK 1000 defibrillator is an easy-to-use automated external defibrillator (AED) designed to be intuitive in high-stress situations. But it's also a defibrillator powerful and adaptable enough for professional responders, featuring advanced capabilities that can help improve lifesaving outcomes and help speed the transition of cardiac patients to the next critical level of care.

### For every trained responder, the opportunity to make a difference.

The LIFEPAK 1000 combines the simplicity of an AED with clear guidance, including on-screen and audio prompts with the flexibility of manual mode operation when indicated. Flexible setup options allow on-screen graphics for the basic rescuer or ECG display and access to manual mode for the more advanced rescuer. This powerful AED combines basic guidance with advanced operational control, enabling responders to deliver fast, appropriate treatment.

With the LIFEPAK 1000, Basic Life Support (BLS)-trained responders have the device with powerful defibrillation—up to 360 joules—long battery life, and a rugged construction that can stand up to severe environments.

When an Advanced Life Support (ALS)-trained professional does step in—either as a first responder or in transition to advanced care—the touch of a button puts the LIFEPAK 1000 into manual override, with greater control over when to analyze and shock. Its ECG capabilities provide critical information to guide your protocol and deliver timely treatment, and the device also stores this vital data for use in post-event review.

# The right tool can make all the difference.

Rugged yet easy to use, the LIFEPAK 1000 defibrillator can make the lifesaving difference for victims of sudden cardiac arrest.

## Rugged, vehicle-friendly construction

- Rigorously drop-tested and includes protective case and bumpers for durability in the harshest environments.
- Designed to ride along in vehicle without damage from continuous vibrations and other movement.

## Easy to use

- Loud voice prompts and on-screen graphics provide clear guidance on applying electrodes and initiating a shock to help ensure user confidence.
- Compatibility with other LIFEPAK defibrillators and monitors help speed the transition to the next level of care. Post-event patient and performance data can be easily viewed, analysed and managed with CODE-STAT data review software – helping to target training needs.



## Clinically advanced, with robust features

- Exclusive cprMAX™ Technology minimizes CPR interruptions by allowing responders to perform pre-shock CPR while the AED charges.
- Optional 3-lead ECG monitoring available when needed.
- Includes features such as a CPR countdown timer, ECG capability, a shock counter, and programmable settings – all on a large, easy-to-read LCD screen.
- Escalating energy to 360 Joules, biphasic, for difficult-to-defibrillate patients.



## cprMAX Technology

The LIFEPAK 1000 features our exclusive cprMAX technology, which gives you the flexibility to choose CPR settings that best accommodate your patient and CPR protocol requirements. The pre-shock CPR option allows adjustment of the CPR interval prior to the first shock, minimizing pre-shock pauses by allowing providers to continue compressions while the AED charges.

## LIFEPAK TOUGH™

Built for the harsh environments, the LIFEPAK 1000 is the toughest, most durable AED from Stryker. The device itself withstands rigorous drop-testing from any angle at 1-meter, and is enclosed in a highly protective case with bumpers. In addition, the LIFEPAK 1000 has received an P55 rating—for dust and water resistance.

## 360 Joules

Like every LIFEPAK defibrillator from Stryker, the LIFEPAK 1000 can escalate energy up to 360J. Studies show repeating 200j shocks yields significantly lower VF termination rates.<sup>2,3</sup> And the 2010/2015 ERC Guidelines note that rescuers may consider using escalating energy up to 360J if initial shocks at a lower dose fail.<sup>4</sup>

## ALS Hand-off

The LIFEPAK 1000 is simple to use for trained responders, but it also provides an easy, highly compatible transition to ALS care teams. The shock counter on the LIFEPAK 1000 gives next level care teams insight into treatment provided. It has an available 3-lead ECG and its electrodes are the same ones used on LIFEPAK ALS monitors.



## LIFEPAK 1000 defibrillator

### ProCare® Services

Our highly trained service technicians provide a comprehensive service solution for your Stryker equipment, so you can truly focus on what matters – saving lives. With our Prevent plan you will have a yearly maintenance and overview of the state of your equipment which will allow you better planning.

#### ProCare Prevent plan includes

- Repair or replacement of equipment, if during the warranty period your equipment shows any defects in material
- Detailed service report and compliance documentation for each inspected item
- Inspection, adjustment, calibration, applicable software updates and replacement of specified parts
- 15% discount on all parts not included in the preventive maintenance schedule

**Contact your local Stryker representative today to learn more.**

### Flex Financial Program

Our financial programs provide a range of smart alternatives designed to fit your organization's needs. We offer flexibility beyond a cash purchase with payment structures that can be customized to meet budgetary needs and help to build long-term financial stability. Contact your Stryker representative for more information.



## References

1. Christenson J, et al. Chest Compression Fraction Determines Survival in Patients with Out-of-Hospital Ventricular Fibrillation. *Circulation*. 2009; 120: 1241-1247.
2. Stiell, I., et al. (2007). "The BIPHASIC Trial: A randomized comparison of fixed lower versus escalating higher energy levels for defibrillation in out-of-hospital cardiac arrest." *Circulation*. 115: 1511-1517.
3. Koster RW, et al., Recurrent ventricular fibrillation during advanced life support care of patients with prehospital cardiac arrest. *Resuscitation*. 2008; 78: 252-257.
4. 2010 American Heart Association guidelines for cardiopulmonary resuscitation and emergency cardiac care science. *Circulation*. 2010.

## Emergency Care

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