



# Product Comparison

## LIFEPAK CR® Plus Defibrillator

### LIFEPAK CR Plus Defibrillator vs. Philips® HeartStart FRx Defibrillator

Physio-Control is the pioneer in defibrillation technology with more than 60 years of experience. As the global leader in defibrillation, Physio-Control brings you the LIFEPAK CR Plus automated external defibrillator (AED). The *CR Plus* is designed specifically for the first person to respond to a victim of sudden cardiac arrest and incorporates the same trusted technology used by more EMS and hospital units around the world than any other brand. The Physio-Control LIFEPAK CR Plus AED was rated easiest to use, even for people with minimal training, in a 2016 study against its leading competitors the ZOLL® AED Plus® Defibrillator and Philips® HeartStart OnSite AED.<sup>1</sup> Here is a side-by-side comparison with the Philips HeartStart FRx.



LIFEPAK CR Plus Defibrillator



Philips HeartStart FRx Defibrillator

#### Clinical Evidence

Leader in clinically tested waveform technology	Yes, Physio-Control's waveform has been studied in nearly twice as many patients as all other manufacturer's waveforms combined. 2,808 patients. <sup>3</sup>	No, all non-Physio-Control manufacturers cumulative data adds up to only 1,496 patients combined. <sup>3</sup>
Escalating biphasic full energy for difficult-to-defibrillate patients	Yes, 200-360J	No, only 150J fixed <sup>2</sup>

#### Designed For User Confidence

Had the fastest time for lay responders to deliver first shock	Yes, 1:33 minutes <sup>1</sup>	No data available
Rated easiest to use by lay responders	Yes <sup>1</sup>	No data available

#### Usability

Fully automatic available	Yes	No
CPR guidance	Audible Prompts <sup>2</sup>	CPR coaching via audible prompts <sup>2</sup>
Electrode compatibility with EMS systems globally	Yes	No

#### Maintenance

Standard warranty	8 years	8 years
Supply replacement synchronized with pads and battery life	Yes	No

#### Additional Features

Pediatric capability	Yes	Yes
High IP rating for protection against water and dust	Yes, IP24	Yes, IP55 <sup>4</sup>
Dimensions	4.2 x 8.0 x 9.5 inches 10.7 x 20.3 x 24.1 cm	2.4 x 7.1 x 8.8 inches 6 x 18 x 22 cm
Weight	4.5 lbs	3.5 lbs

## REFERENCES

- 1 Physio-Control Internal Semi-Automatic AED Comparison Usability Study, August 2016  
\*The manufacturer Philips was included in the Usability Study, but the model HeartStart FRx was not.
- 2 Philips Medical Systems. (Edition 13). *HeartStart FRx Defibrillator Owner's Manual (861304)*.
- 3 In-house summary of published clinical literature through 2015.
- 4 AED Brands. Retrieved 7/17/2017, from <https://www.aedbrands.com/comp-chart/>.

All claims valid as of August 2017.

**Physio-Control is now part of Stryker.**

For further information, please contact Physio-Control at 800.442.1142 (U.S.), 800.895.5896 (Canada) or visit our website at [www.physio-control.com](http://www.physio-control.com)

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