



Product Comparison

LIFEPAK CR® Plus Defibrillator

LIFEPAK CR Plus Defibrillator vs. Philips® HeartStart OnSite AED

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.¹ Here is a side-by-side comparison with the Philips HeartStart OnSite AED.



LIFEPAK CR Plus Defibrillator



Philips HeartStart OnSite AED

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. ³	No, all non-Physio-Control manufacturers cumulative data adds up to only 1,496 patients combined. ³
Escalating biphasic full energy for difficult-to-defibrillate patients	Yes, 200-360J	No, only 150J fixed ²

Designed For User Confidence

Median time for lay responders to place both pads on the patient	1:08 minutes ¹	1:19 minutes ¹
Median time for lay responders to deliver first shock	1:33 minutes ¹	1:42 minutes ¹
Median time for lay responders to start CPR after initial shock	1:43 minutes ¹	2:12 minutes ¹
Rated easiest to use by lay responders against competitors	Yes ¹	No ¹

Usability

Fully automatic available	Yes	No
CPR guidance	Audible Prompts	CPR Coaching ²
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

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Defibrillator



Philips HeartStart
OnSite AED

Additional Features

Pediatric capability	Yes	Yes
High IP rating for protection against water and dust	Yes, IP24	Yes, IP21 ⁴
Dimensions	4.2 x 8.0 x 9.5 inches 10.7 x 20.3 x 24.1 cm	2.8 x 7.4 x 8.3 inches 7.1 x 19 x 21 cm
Weight	4.5 lbs	3.3 lbs

REFERENCES

- 1 Physio-Control Internal Semi-Automatic AED Comparison Usability Study, August 2016.
- 2 Philips Medical Systems. (M5066A Edition 13). *HeartStart OnSite Defibrillator Owner's Manual* January 2014.
- 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

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