



**X SERIES®**

**ZOLL®**

# Durability Beyond Compare

**TESTED TO THE MOST DEMANDING STANDARD**

When it comes to durability, the X Series® is tested to a more challenging standard than any other monitor on the market. That's because its durability is measured against the most current military-specified standards. Withstanding multiple 6.5 feet (2 meters) drops, the X Series exceeds the IEC failsafe standard.

## X Series Excels in Every Critical Comparison

	ZOLL X Series	Physio-Control Lifepak 15 <sup>1</sup>	Philips MRx <sup>2</sup>
<b>Size</b>	731 cubic inches	1796 cubic inches	1204 cubic inches
<b>Weight</b>	11.7 lbs.	20.1 lbs.	13.2 lbs.
<b>Drop-Test</b>	IEC 60601-1 at 6.5 feet: 26 drops	EN 1789: 30-inch drop onto each of 6 surfaces; 5 drops on each side from 18 inches onto a steel surface	IEC 68-2-32 free fall onto a steel surface, 30 inches with carrying case
<b>Operating Temperature</b>	0-60°C	0-45°C	0-45°C
<b>Shock</b>	100 g	40 g	30 g
<b>Ingress Protection Rating</b>	IP 55	IP 44	IP 24

**MEETS THE EMS CHALLENGE, NO MATTER WHAT**

There's a reason hospital equipment doesn't make it in the EMS world. Monitors are rained on, snowed on, bled on, and worse. Originally developed to survive the extreme conditions of the battlefield, the X Series is more than up to the EMS challenge.

The X Series holds an industry-best ingress protection (IP) rating. At IP55, the X Series is virtually immune to the onslaught of water, dust, and body fluids your equipment faces in the field.

## Ingress Protection (IP) Rating 55

<b>First digit</b>									
	0	1	2	3	4	5	6		
Protection against foreign objects	Not protected	>50 mm	>12.5 mm	>2.5 mm	>1.0 mm	Dust protected	Dust tight		
<b>Second digit</b>									
	0	1	2	3	4	5	6	7	8
Protection against moisture	Not protected	Dripping water	Dripping water tilted up to 15° N	Spraying water	Splashing water	Water Jets	Heavy seas	Immersion	Submersion

# Your Back Is Your Livelihood

7 POUNDS  
LESS PER LIFT

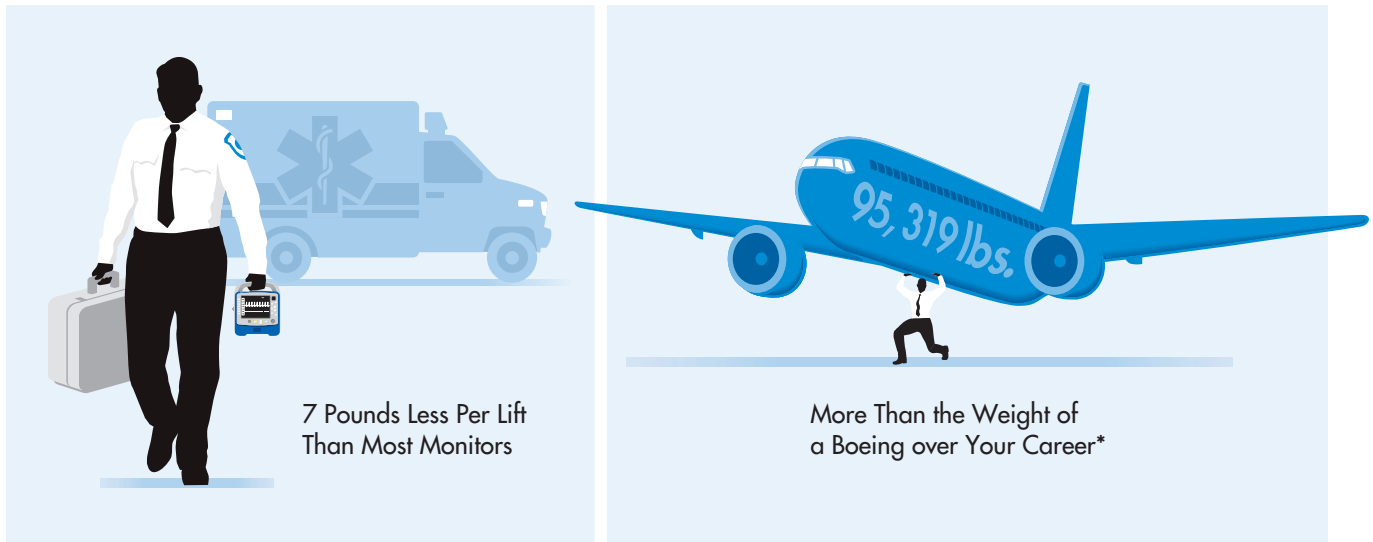
When asked to name the number one attribute they look for in a monitor, EMS professionals are consistent. They put size and weight at the top of their list.

Back injuries are the most common reason medics leave EMS. One in four EMS practitioners experiences a career-ending injury within the first four years of service<sup>3</sup> because of the cumulative weight they lift. And every year, half of all EMS workers report suffering back pain.

That's why ZOLL continually focuses on reducing monitor weight. At 11.7 pounds (6 kilograms), the X Series is probably twice as light as what you carry today. Pick it up; it's likely 7 pounds lighter.

Get that Boeing off your back. By switching to the X Series, you'll be carrying 112,000 less pounds over the course of your career—that's more than the weight of a Boeing 737!

## What Would You Rather Carry?



## Don't believe us? Here's the math:

\*7 lbs. x 4 uses/shift x 2 lifts/use x 2 shifts/week x 50 weeks/year x 20 years/career = 112,000 lbs.<sup>1</sup> cumulative lifting

<sup>1</sup>LifePak 15 Instructions for Use on [www.physio-control.com](http://www.physio-control.com) as of 6/18/14.

<sup>2</sup>Philips MRx M3536A Instructions for Use on [www.philips.com](http://www.philips.com) as of 6/18/14.

<sup>3</sup>Merrill, S., & Green, D. (2012). *Task performance and health improvement recommendations for emergency medical service practitioners*. San Diego, Calif.: American Council on Exercise.