X Series®

ZOLL®

Xtremely

Small, Light, and Powerful

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ALMOST TWO TIMES LIGHTER THAN OTHER POPULAR MONITORS

The X Series® extends the ZOLL legacy of smaller, lighter monitor/defibrillators. Pick it up. Feel the difference. At 11.7 pounds (6 kilograms), chances are it's twice as light as what you're carrying today.

MOST COMPACT, BEST EQUIPPED

Starting with a high-contrast, color display that simultaneously shows up to four waveforms, the X Series delivers the capabilities you expect from a full-featured monitor—for neonates through adults. And it can be equipped with a complete selection of best-in-class parameters, including Masimo® rainbow® SET pulse CO-Oximetry, Microstream® etCO_2, and Welch Allyn NIBP, as well as three invasive pressures and two temperature channels.

A MILITARY HERITAGE OF DURABILITY

Driven by requirements from air transport and field military operations, the X Series raises the bar for durability. It complies with standards requiring normal operation following multiple drops from a height of 6.5 feet (2 meters). An industry-best ingress protection rating of IP55 means no other monitor is protected from dust particles and water like the X Series.

Because Medics **Carry More These Days**

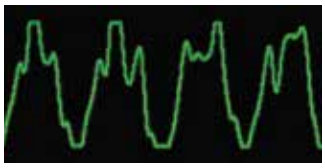
Compact and lightweight without compromise in performance or durability

MAKING THE DIFFERENCE FOR PATIENTS

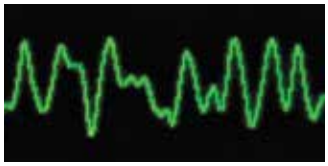
When several Arizona fire departments deployed Real CPR Help® in combination with scenario-based training, the likelihood of patient survival nearly tripled.[1] In a study involving 373 medics and 484 patients, the odds of surviving cardiac arrest were 2.7 times better when Real CPR Help was used.

A TOOL FOR SHORTENING PAUSES

Pre-shock pauses as brief as 10 seconds adversely impact survival.[2] The X Series is equipped with industry-exclusive See-Thru CPR® filtering technology. It reduces the length of interruptions by removing compression artifact so that medics can look for organized electrical activity during compressions.



Unfiltered ECG signal during CPR



Signal filtered by See-Thru CPR

BECAUSE CPR IS A TEAM ACTIVITY

Not everyone who works a code is an experienced responder. The CPR Dashboard™ is a real-time window that gives team leaders an at-a-glance look at the quality of first-responder CPR.

EVEN THE BEST RESCUER FATIGUES

Real CPR Help prompts by exception. This means when medics are fresh and delivering good compressions, it is silent. With repetitive two-minute cycles, even the most fit medic tires. When compressions fall out of range, it gently guides rescuers back to high-quality, Guidelines-compliant compressions.

"Poor-quality CPR should be considered a preventable harm."

—AHA Consensus Statement on CPR Quality[3]

nals of Emergency Medicine. 2013;62:47-56.

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CPR Dashboard is a real-time window on the key metrics of high-quality compressions.

12 LEADS ON SCREEN IMPROVE TRACE QUALITY

The STEMI View lets medics see trace quality simultaneously in all leads. Confidently record a 12-lead ECG with the expectation it will be clean the first time and ready for transmission without delay.

STEMI View

A WINDOW TO SERIAL ECG CHANGES

Unstable patients call for extra-ordinary vigilance. Substantial ST changes can occur between the initial transmission and arrival at the hospital.[4] The Split-Screen View keeps medics on top of the situation by displaying the real waveform next to one that was previously acquired.

Split-Screen View

QUICKER, MORE CONFIDENT DECISIONS

At 94% sensitivity for detection of early STEMI, the X Series 12-lead algorithm is unmatched by other popular monitors. Make that alert call knowing it is based on the best algorithm.

OPEN ARCHITECTURE MAXIMIZES STEMI OPTIONS

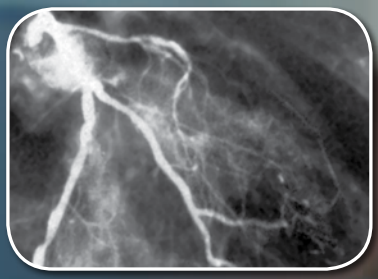
The X Series puts medics in the best position to decide where to take a patient. Its open architecture means the X Series can transmit a 12-lead ECG into all of the leading STEMI and cardiology management systems.

Reduce Time to Balloon with Advanced 12-Lead Capabilities

[4] Davis M, et al. *Prehosp Emerg Care* 2014;18:9-14.

Confident decisions from the field

12-leads—anywhere, anytime



Fast, efficient delivery to the cath lab

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DESIGNED WITH CHARTING IN MIND

The X Series is designed with electronic charting in mind. It redefines what a monitor should send to the patient record. The built-in memory ensures a complete patient record is transmitted by capturing 24 hours of event (ECG and vital signs) or trend data, and up to 1,000 time-stamped events.

TRANSMIT AT THE SPEED OF WIFI

The X Series simplifies transmission. Its standard communication package makes wires, cables, and "dongles" a thing of the past. It is the first monitor to integrate WiFi, Bluetooth, and USB capabilities as part of the standard communication package.

AN OPEN, UNIVERSAL ePCR SOLUTION

The X Series speeds medic charting by seamlessly uploading the event record. It automatically populates patient data fields in many of the leading ePCR systems. ZOLL's open interface software development kit (SDK) is available to all ePCR vendors.

Simplify Charting with **Advanced Communication**

The X Series redefines how a monitor should work with your charting system.

Big Screen Small Device

X Series

View up to four waveforms of your choice. Switch from a brilliant color display to either high-contrast black-and-white or night-vision mode to ensure visibility under extreme conditions.

Visual Alarm Indicator

Oridion Microstream® Capnography

Masimo® rainbow® SET Pulse CO-Oximetry

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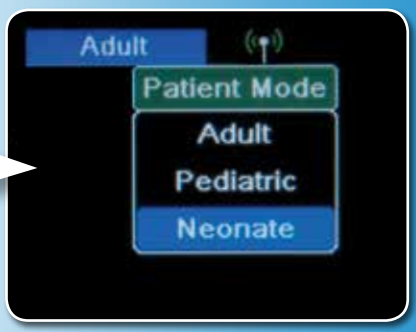
Resuscitation View

You get unequaled support for CPR. Display CPR Dashboard along with the real-time depth indicator and the filtered ECG that See-Thru CPR provides.

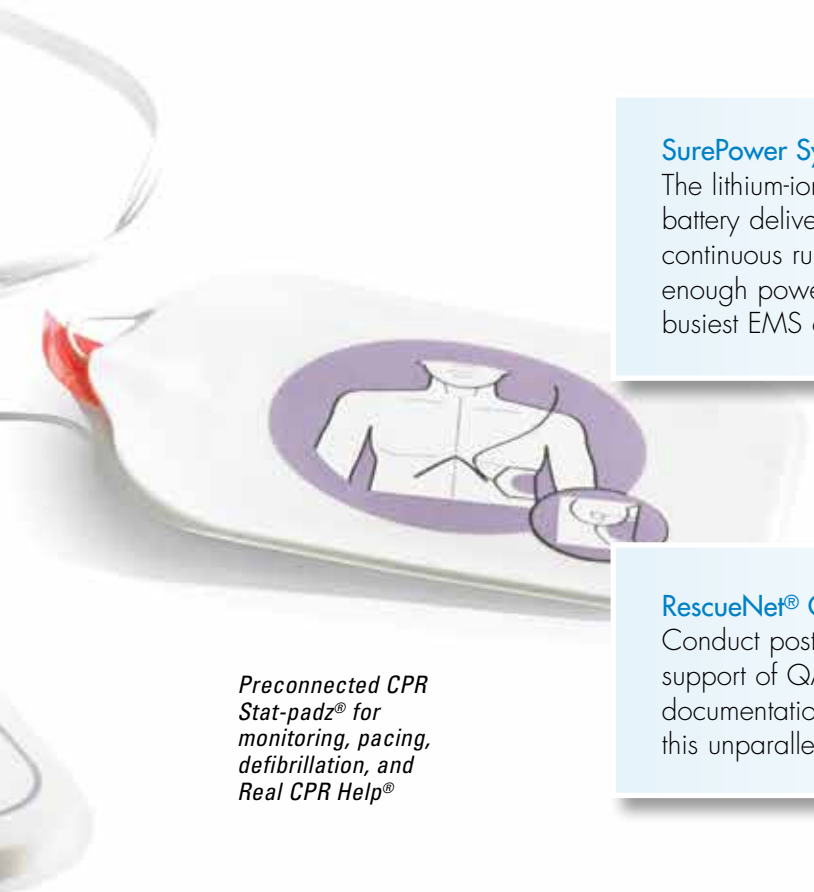
Ready-for-Use Indicator

Patient-Specific Settings

Select the mode—Adult, Pediatric, or Neonate—and the alarm thresholds and energy levels will automatically adjust.



Welch Allyn NIBP with Sure BP® and SmartCuf®



Preconnected CPR Stat-padz® for monitoring, pacing, defibrillation, and Real CPR Help®

SurePower System

The lithium-ion SurePower™ II battery delivers six hours of continuous run time. That's enough power for even the busiest EMS operation.

RescueNet® Code Review

Conduct post-event analysis in support of QA, training, and documentation programs with this unparalleled software tool.

Impacting Outcomes Link by Link

EARLY INTERVENTION

Immediate defibrillation is the single most important factor in saving an SCA victim's life. ZOLL's LifeVest® Wearable Defibrillator is the ultimate early intervention for high-risk patients.

EARLY ACCESS

A timely 911 response is critical to survival. ZOLL's RescueNet® suite of call management products helps ensure the right resources get to the right place ASAP.

EARLY CPR

More than half of arrests involve non-shockable rhythms. Delivering consistent, high-quality CPR, whether manually using Real CPR Help or mechanically with the AutoPulse®, is the basis of treatment for these patients.

EARLY DEFIBRILLATION

Patients benefit when AEDs are deployed. While the AED Plus® brings simplicity to the public responder, the AED Pro® delivers the durability expected for the first responding BLS provider.

EARLY ACLS

Whether it is ZOLL's biphasic waveform, which is superior in high-impedance patients, an external pacing waveform that captures twice as often at half the current, or best-in-class patient monitoring, ZOLL ensures providers are equipped to deliver the best care possible.

POST-RESUSCITATION CARE

It is increasingly evident that post-resuscitation care is a vital link in the Chain of Survival. Goal-directed therapy, including fever control, fluid management, and glucose control, promise to improve outcomes. ZOLL has technologies for temperature management and delivery of fluid and blood products.

ADVANCING RESUSCITATION. TODAY.®

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