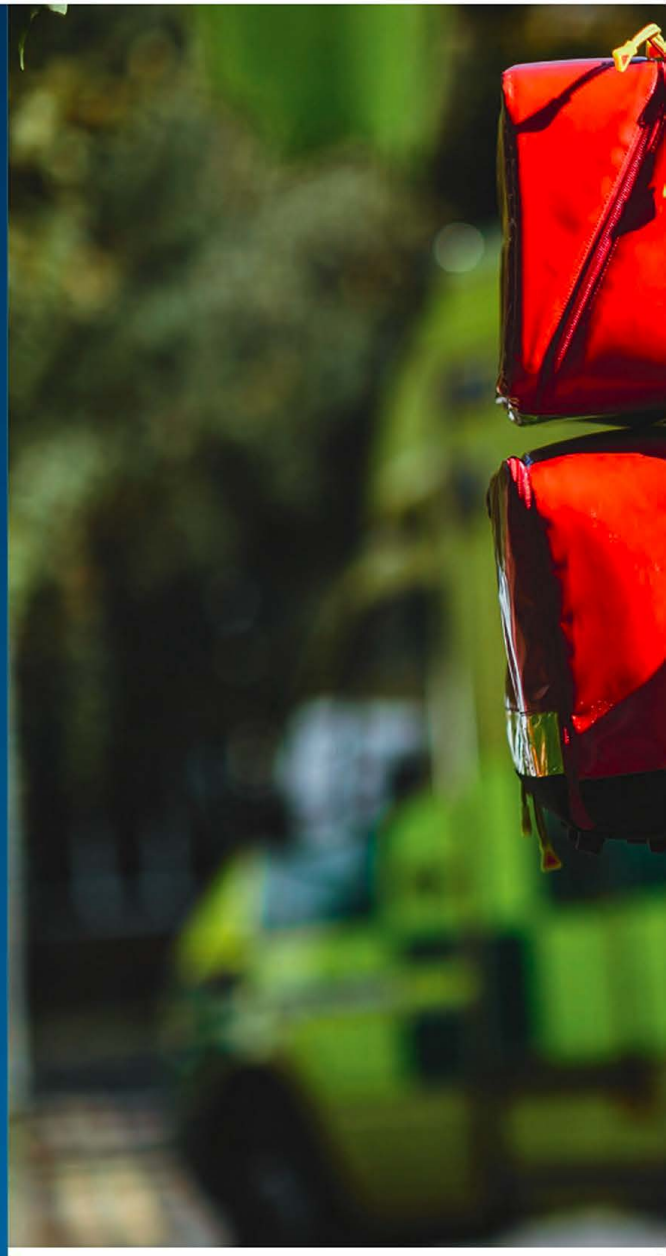
Capture. Connect. Decide.

Tempus ALS

PHILIPS

Tempus ALS

Empowering a **new approach** to emergency response.



Imagine not having to carry a 20 lb+ (8-15 kg) monitor to scene. With Tempus ALS you don't need to.

Tempus ALS is a new, modern approach to prehospital monitoring and defibrillation. Designed to empower caregivers to focus on the patient and not be distracted or burdened by the equipment they need to use, the Tempus ALS system is comprised of a Tempus Pro monitor and a Tempus LS professional defibrillator.[1]

Each device can be used to perform its monitoring or therapy functions separately – but devices connect wirelessly when together to share data. With two systems working as one, Tempus ALS provides a unique solution for emergency medical providers.

The Tempus Pro can be carried on a shoulder strap, while the Tempus LS can live in a medical response bag, only taking up a small amount of space. This allows you access to the features you need to use, while helping reduce potential risks associated with carrying bulky equipment to scene.

Offering handling benefits whilst keeping your critical therapy device protected and always on-hand, the Tempus ALS provides a powerful system, that can be deployed across various emergency response vehicles.

In use, the Tempus ALS' dual-screens allow for greater visibility. In resuscitation cases one display is focused on defibrillation therapy and the other on patient monitoring, while additional data entry opportunities help capture rich event-driven data.

With reliable transmission, data can be viewed in a user-friendly format throughout the patient journey without the need for additional software on a PC, tablet or smartphone.[2]

Using exclusive data communication technologies, Tempus ALS allows for real-time streaming of vitals, waveforms and images to Philips IntelliSpace Corsium web-based clinical dashboards.

Designed with powerful security protocols, Tempus ALS with IntelliSpace Corsium data management provide interactive ECG measurement, diagnosis and two-way communication.

Seamless electronic Patient Care Record (ePCR) integration supports improved accuracy of records and handovers. Clinical and operational dashboards and over the air updates can simplify and support scalable deployment and utilization.

The Tempus ALS, although small, is highly robust and packed with all the functionality you need.

Tempus ALS

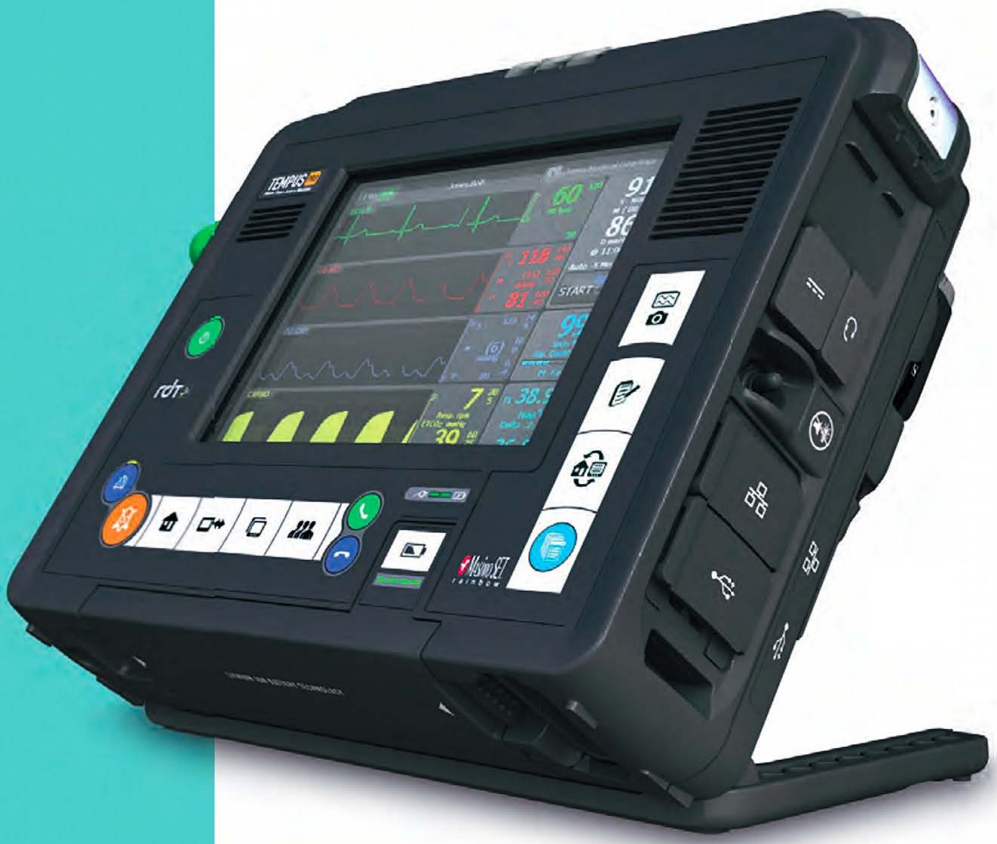
Advanced monitoring and resuscitation in a compact, **modular** form-factor.

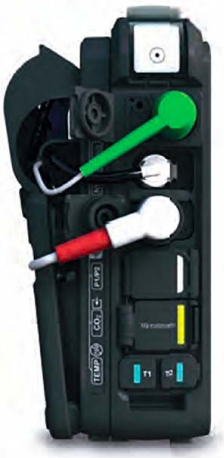
Tempus Pro **Monitor**

With its user-friendly layout, the 6.4 lb (2.9 kg) monitor provides a range of monitoring parameters and features, including[3]: 12-Lead ECG to monitor, arrhythmia, ST elevation and QT segment with alarms, capnography, NIBP and up to four lines of invasive pressure, Masimo SpO_2 (SpHb, SpMet, SpCO, SpOC available), up to 2-lines of temperature, at least 10 hours and 45 minutes Li-Ion Battery with a display brightness of 60%, 6.5" touch screen high contrast and NVG capable, IP66 rating, fully-integrated wired and wireless communications (Wi-Fi, 3G/4G, Bluetooth, Cat5) and 110 mm printer[5], integrated on-board camera, plug-in ultrasound and video laryngoscopy as extra features, customizable, integrated Summary Record of Care that can be integrated in to an ePCR, shared via email or exported to a USB and secure, real-time data transmission even when communications are poor.[2]

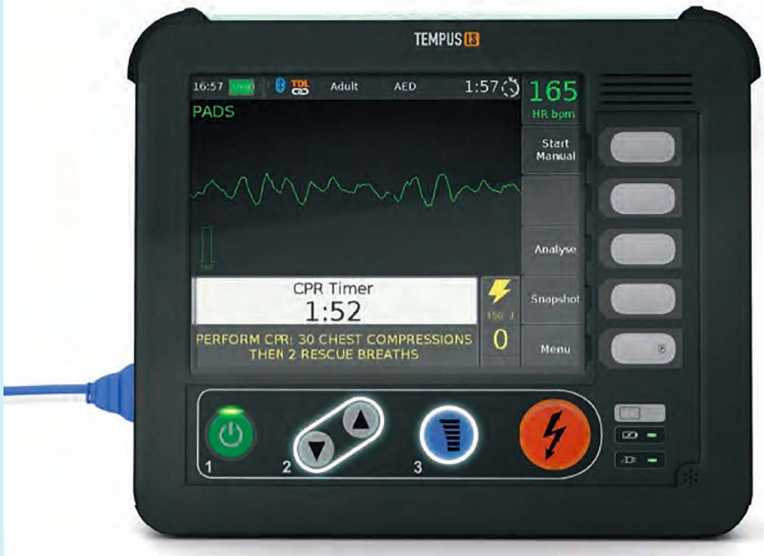
Tempus LS **Defibrillator**

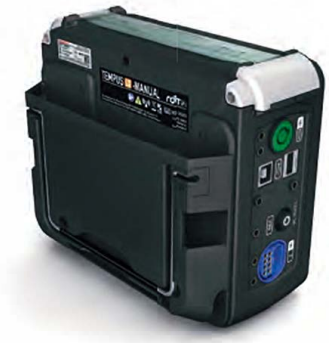
Small enough to live in a medical response bag, Tempus LS defibrillator with manual defibrillation, weights just 4.3 lb (2.0 kg).[3] It features a small Li-Ion battery capable of delivering 300 shocks at 200 J or at least 11.5 hours of ECG monitoring with display brightness at 30%, IP66 rating, real-time CPR rate and depth measurements with audible and on-screen prompts, 3-, 4-Lead wire ECG monitoring, fixed and demand mode pacing, synchronized cardioversion and proven 200 J Biphasic Truncated Exponential (BTE) waveform.





~3 kg


TEMPUS LS
16:57
Adult
AED
1:57
165
HR bpm
PADS
Start Manual
Analyse
CPR Timer
1:52
Snapshot
PERFORM CPR: 30 CHEST COMPRESSIONS THEN 2 RESCUE BREATHS
0
Menu
1
2
3



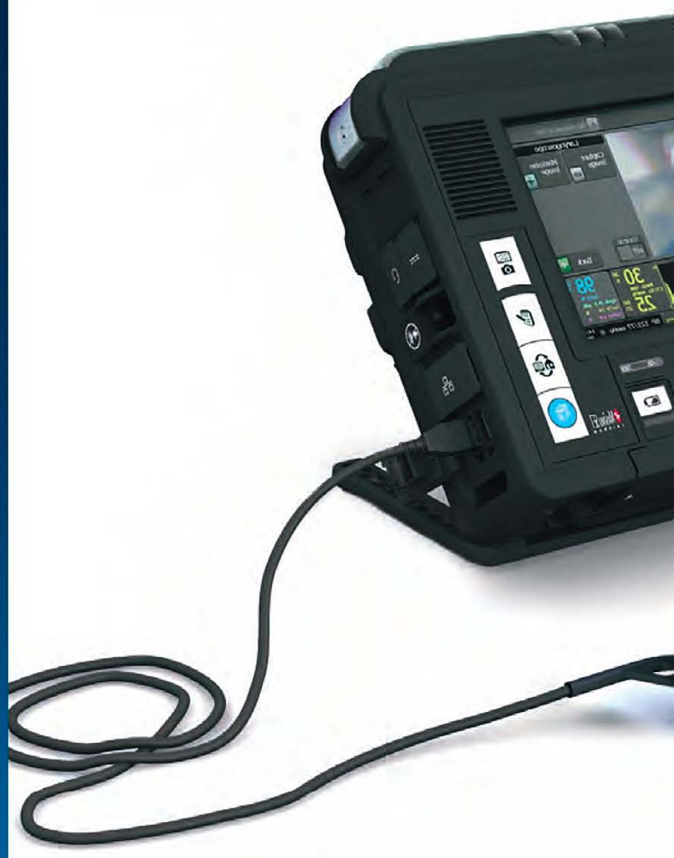
~2 kg

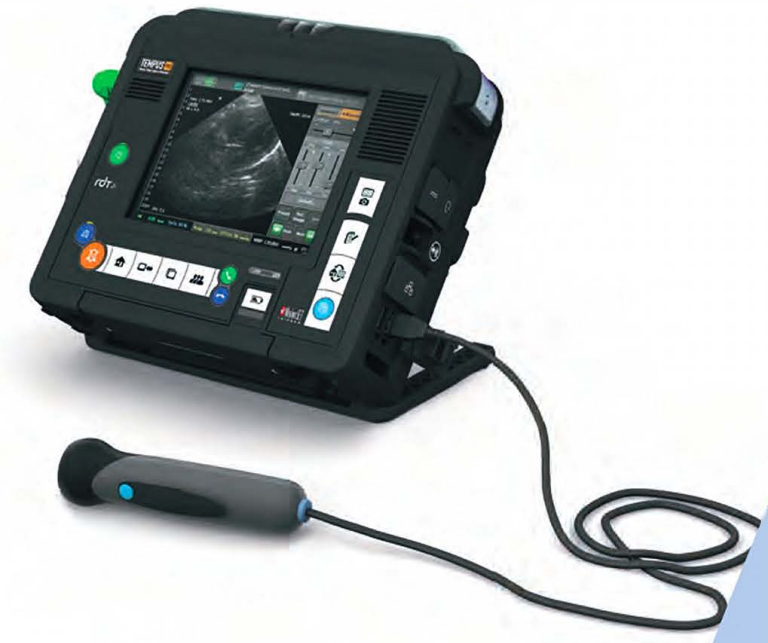
Tempus ALS

Advanced capabilities to enable a more clear and documented decision making.

A platform for growth.

The Tempus ALS was designed with growth in mind to accommodate your needs and budget. By adopting universal technology standards and connectors, the Tempus ALS is built to grow flexibly as your needs change.
USB and wireless interfaces allow for expanded monitoring and diagnostics, without having to carry separate devices, such as a video laryngoscope or an ultrasound device and displays.
Moreover, the proprietary communication technologies mean data can be stored, viewed and shared in alternative ways.

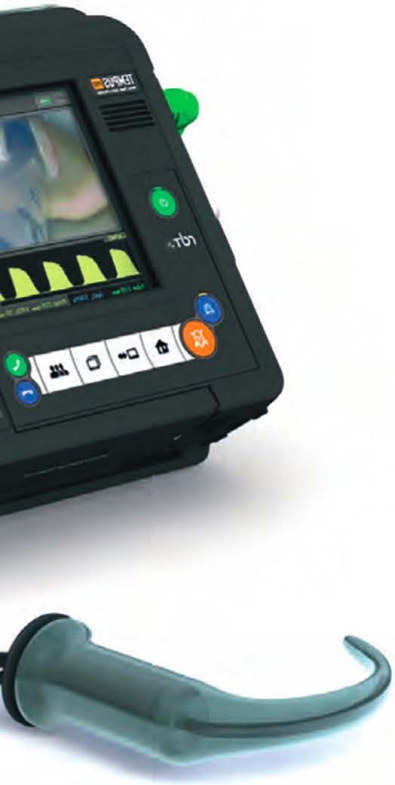




Ultrasound and vascular examinations.

An optional plug-in ultrasound transducer can be used to extend the capabilities of the Tempus Pro platform to provide basic ultrasound assessment when a detailed, high quality image is not required.

- 3.5 MHz ultrasound probe for general purpose
- 7.5 MHz ultrasound probe for line placement and vascular examinations
- Automatic creation of a FAST exam report for automatic inclusion in the record of care[11]
- FAST exam report can be transmitted in real-time or post event



Video Laryngoscopy.

An optional plug in Karl Storz-C-MAC® video laryngoscope imager can be used to give video laryngoscopy support during airway management.

- A range of disposable Macintosh and D-blades are available to enable video laryngoscope images to be visualised on the Tempus Pro display
- View vitals, including capnography and SpO_2 while intubating the patient
- Still images can be captured and automatically included in the record of care
- Still images can be transmitted in real-time or post event

Philips IntelliSpace Corsium

Real-time rich data transfer and two-way communication to empower clinical decision.

Benefits

Supports confident on-site diagnosis.

Contributes to improved patient contact and experience.

Clinical

Philips IntelliSpace Corsium is a web-based software platform that unlocks the power of the Tempus ALS. With the ability to capture rich levels of on-scene clinical and patient data, IntelliSpace Corsium allows Tempus ALS users to quickly share data and collaborate.

Using proprietary encryption and data transmission technologies, rich event-driven clinical data, including vitals and images, can be securely shared in real-time and reviewed for two-way consultation, enabling rapid clinical and transport decision support and seamless ePCR integration.

ePCR integration simplifies patient handovers.

Supports conveyance decisions.

Better visibility of data for more efficient queue management.

Helps improve accuracy of patient record.

Operational

Lessen the burden of collecting and processing patient data.

Supports efficiency in resource deployment.

Upgradable hardware platform to optimize your investment.

Financial

Philips IntelliSpace Corsium

Adding an extra layer of **confidence** around clinical decision making.

You are expected to make important decisions every day, every minute. Whether you're a field medic seeking medical guidance, an operations manager deploying equipment across a system or a medical director understanding a clinical challenge, IntelliSpace Corsium is here to support your clinical decisions with rich data and clear guidance.

Meet increasing demand

Transport to specialized or primary care

Key patient physiological and event data is real-time

Empower clinical decision making

ptimize and streamline patient care

Measure quality of care

Event synchronized physiological data

Over the air configuration

Handover and ePCR integration are seamless

Tempus ALS & IntelliSpace Corsium

Multiple benefits for different stakeholders.

Challenges

Manual handling issues - Equipment carried on-scene is heavy.

Clinical decision support – limited data transmitted for on-scene support.

Reliability - Equipment is damaged as used in unpredictable conditions.

Clinical decision making - A lot to do on-scene, limited time/capacity to deliver optimal care and complete records.

Governance - Record keeping can be inaccurate and documented post-event.

Data and Connectivity - Unreliable data transmission and comms.

Workflow - Patient handover can be a lengthy process.

Standardization – Need to have a standard of care across all responder vehicle types.

Tempus ALS & IntelliSpace Corsium solution

Modular system. 6.4 lb (2.9 kg) monitor for shoulder carry and 4.3 lb (1.95 kg) professional defibrillator in a medical response bag, only taking up a small amount of space[9].

Rich, event-driven data collected, time-synchronized to patient physiological data. Secure two-way transmission enables quick review and decision support. Ability to extend the capabilities to plug in USB and video laryngoscopy.

The Tempus Pro is IP66 rated and tested to high durability standards. It is the monitor of choice for a number of militaries across the globe, including much of NATO, with reputation for reliability and robustness. Tempus LS is small enough to live in a medical response bag, where it remains until required and connects wirelessly with the Tempus Pro when in use.

Time-synchronized physiological data is collected automatically and augmented with manual event-driven data collected directly on the monitor. All data can be streamed directly via a web browser for quick review and in to ePCR. No double documentation needed. When using in resuscitation cases, one display is focused on defibrillation (Tempus LS) therapy and the other on patient monitoring (Tempus Pro), limiting visual noise and improving visualization of events – enables a caregiver to focus precisely on the care with minimal distraction. All resuscitation data is automatically captured, transmitted and easily exported in to ePCR.

Tempus ALS provides automated data collection, which is time-synchronized with events and patient physiological data. This is coupled with manual event-driven data collection.
All timestamped resuscitation data can also be automatically streamed into optional IntelliSpace Corsium for analysis and review.

Tempus ALS enables rich data transmission and encryption. Our data platform has been developed and tested in conjunction with military.

The Summary Record of Care (SRoC) can be automatically flowed in to an ePCR with the IntelliSpace Corsium software. On-scene data and an accurate real-time view of patient status can be monitored directly in the Emergency Department.

The Tempus ALS can be deployed in to any emergency vehicle and medical response bag. Over the air updates and web-based data review can minimize operational down time.