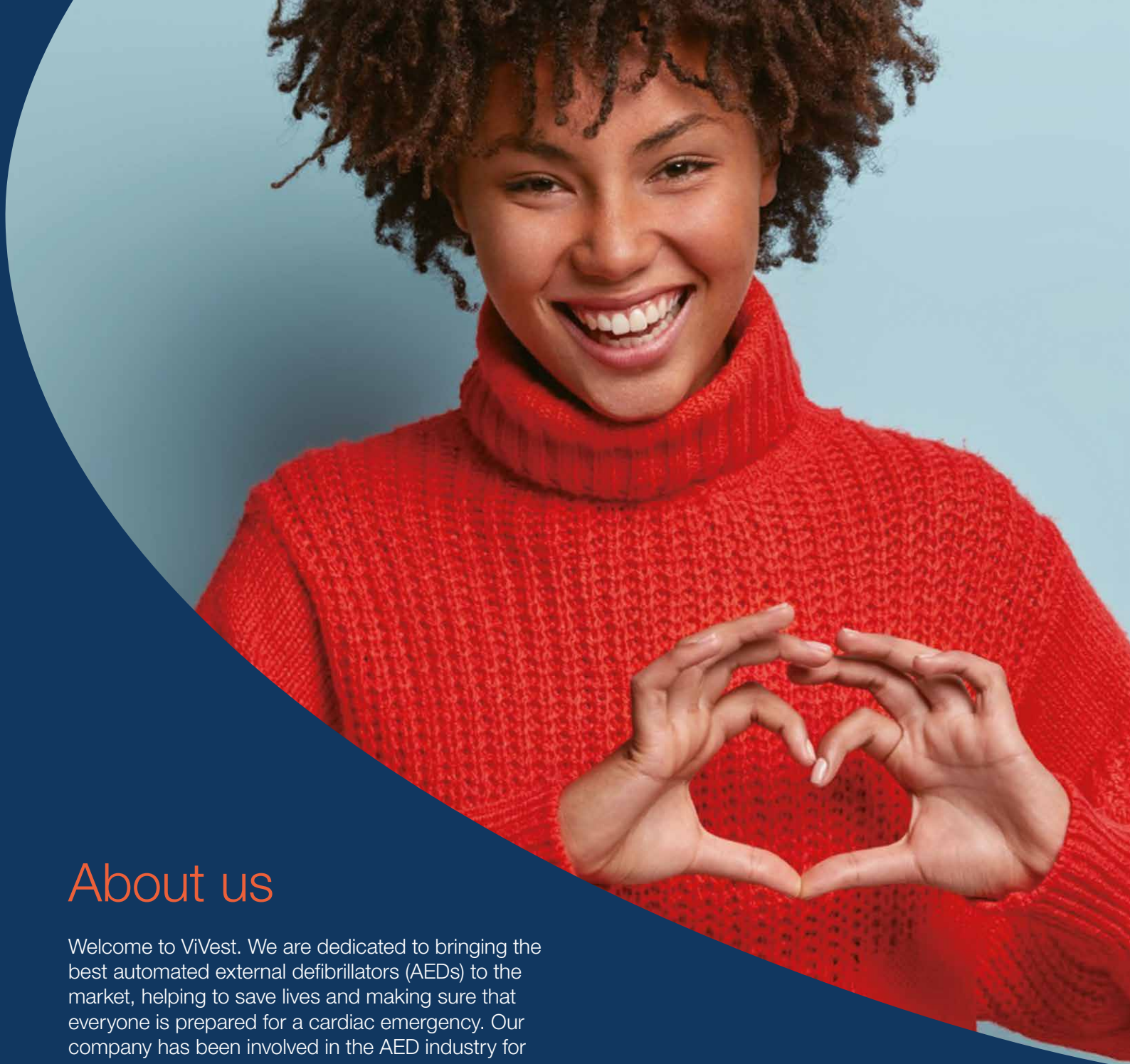


Ready to save lives.





## About us

Welcome to ViVest. We are dedicated to bringing the best automated external defibrillators (AEDs) to the market, helping to save lives and making sure that everyone is prepared for a cardiac emergency. Our company has been involved in the AED industry for many years, and we are proud to provide one of the most innovative and efficient defibrillators available today. We have a range of models available to suit any budget and are committed to providing the best customer service.

Our AEDs are designed with ease of use, efficiency and reliability in mind. Working with well-known cardiovascular experts from around the world, we focused on scientific research and development trends to create our product. Each model has been independently tested to ensure that they meet the highest of standards. Our AEDs are also equipped with the latest technology and features, including voice instructions, easy-to-follow graphics, quick analysis to shock time and CPR support. We are also proud to offer a comprehensive ViVest aftercare package, which offers complete peace of mind on purchasing your ViVest AED. We are here to help you find the perfect AED solution for your needs.

## Benefiting patients health and advancing access to medical innovations

Through our innovative research and commitment, we are dedicated to bring a solution for all cardiac events. This innovation will lead to progressive generations of our AEDs and also include new products.



# Our products

## The PowerBeat X Series

No matter when or where a sudden cardiac arrest (SCA) occurs, whether it is at the office, at school, on holiday, or any other time or place, our PowerBeat X Series AEDs are ready to save lives. Using innovative technology, we have developed the most efficient defibrillators available on the market. Our slimline and lightweight AEDs can provide a shock within 7 seconds of analysis.

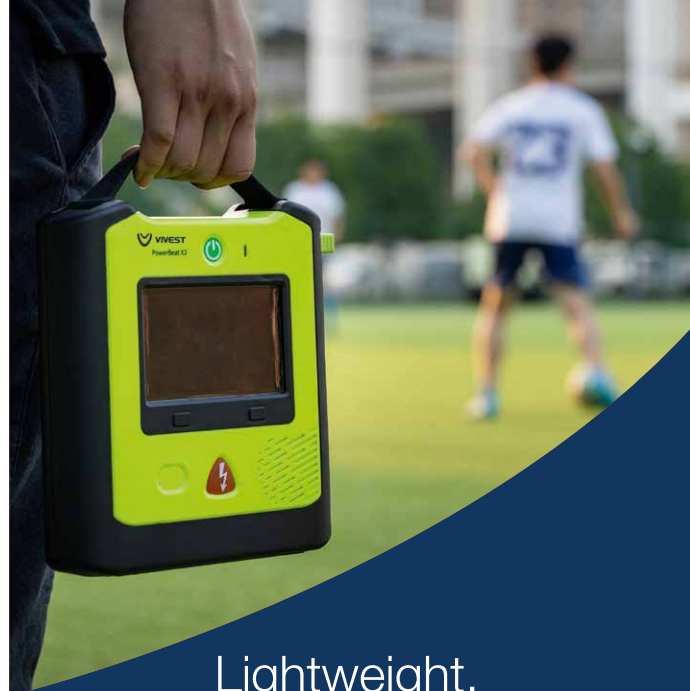


Developed with ease of use in mind, the AEDs can be used by anybody. The simple voice commands which can be switched through multiple languages and images guide the user through the process.

A single push of a button switches on the device and the pre-connected smart pads simplify operation and save precious time. Text and voice prompts guide the user throughout the rescue process, including shock delivery and CPR guidance.

The devices take 7 seconds from the prompt 'shock advised' till discharge available and provides fast and stable ECG analysis of the event.

Our AEDs are heavily reliable having been drop tested to over 1.5 metres and are slimline and lightweight enough to fit in your every day rucksack or first aid bag.



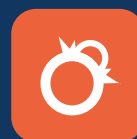
### Lightweight, Compact and Durable



The device has an IP55 rating so is protected against dust and is able to function effectively under the most extreme weather conditions.



Ideal operating temperature is  $-10^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ . After leaving room temperature to environments under  $-20^{\circ}\text{C}$ , can remain in operation for 60 minutes.



The entirety of the device's surface can withstand damage from a free fall height of 1.5 metres, allowing it to easily handle falls and accidents.



The device weighs only 1.5kg. It is lightweight and compact enough for an user to carry, allowing it to partake in rescue efforts with ease.

# PowerBeat X3 AED

## Semi-Automatic



### Easy to use, clear guidance

The 5 inch LCD color-screen will visually instruct the user on what to do and how to do it while the voice guidance of POWERBEAT X3 helps provide fast, effective and safe preconditions for pre-hospital emergency measures, and guarantees the basic CPR operations of rescuers.

Extremely beneficial for visually impaired and hard of hearing users.

### Complete reliability

Daily self testing, drop tested to 1.5 metres, IP55 protected without the need for a carry case and a failsafe button ensuring the AED is always ready to save lives.

Product model	PowerBeat X3
Size (H x W x D) cms	23.2 x 20.9 x 5.9
Colour display	Yes
On click language switch	Yes
Protection grade	IP55
Daily self check	Yes
Battery life	4 years

### Product highlights

- Slimline and lightweight - H 23.2 x W 20.9 x D 5.9 cm, 1.5 KG
- Simple audio and visual instruction for the user. One of the easiest to use on the market
- Time to shock 7 seconds
- 5-inch LCD colour screen
- Battery life of 4 years and capable of up to 200 shocks
- Smart Pads life of 4 years which allow for biphasic shock
- CPR features with metronome
- Algorithm capable of detecting implants such as pacemaker and internal defibrillator
- Automated ECG recording of up to 8 hours
- Daily self testing ensures device is ready for use
- IP55 protects against dust and wet environments
- Drop tested to 1.5 metres
- Dual language option
- Shock button has built in failsafe button to alleviate risk of failure
- Able to identify a pulse and make the decision not to shock

# Specifications

## Defibrillator

**Waveform:** Biphasic Truncated Exponential (BTE) Waveform.

**Impedance Range:** 20 - 180Ω.

**Energy Level:** Adults, energy released at 50Ω impedance: 150J.

**CPR Coaching:** CPR instructions are available, with metronome and hand placement instructions.

**CPR Protocol:** Comply with ERC/AHA 2020 guideline.

**Charge/Discharge Time:** The time from the prompt of “Shock Advised” to when the shock can be performed: 7 seconds.

## Arrhythmia Analysis

**Accuracy:** Comply with IEC60601-2-4.

**Analysis Time:** Typically 8 seconds.

## Controls

**Shock Control:** Semi-automatic (press the shock button to deliver energy).

**Language Button (PowerBeat X3):** Users can switch between primary and secondary language among various available language options.

**Certification:** ISO13485, CE certification.

**Safety Standard:**

IEC 60601-1:2005+A1:2012

IEC 60601-2-4:2010+AMD1:2018

IEC 60601-1-2:2014

IEC 60601-1-12:2014

## User Interface

**Display:** PowerBeat X1 has 114 mm (W) x87 mm (A) graphic panel, while PowerBeat X3 has 5 inches color LCD screen, 105 mm (W)x65 mm (BF).

**Resolution:** 800x480 pixels.

**User Guidance:** PowerBeat X1 has LED lights, graphic panel and voice prompt, while Powerbeat X3 has a colour LCD screen, animation, voice and bilingual text prompts.

**Volume Adjustment:** Volume is adjustable through APP.

**Device Status Indicator:** Visual and audible Indicators help to monitor the status of the main device, electrodes, and battery. Flashing green light indicates the device is normal. Flashing red light indicates the device is faulty.

## Environmental Parameters

**Operating/Storage Temperature:** -10°C ~ +50°C.

**One Hour Operating Temperature Limit (extreme cold):** -20°C.

**Short-term Storage/Transport Temperature:** -40°C~+70°C, within one week, with battery and pads uninstalled.

**Atmospheric Pressure:** 59.4KPa~106KPa.

**Relative Humidity:** 5%~95% (no condensation).

**Ingress Protection:** IP55.

Physical Characteristics (Including handle)

**Tolerable Impact/Fall Damage:** Can withstand free fall damage from a height of 1.5M onto the hard surfaces.

## Accessories (Battery)

**Type:** Lithium manganese dioxide (Li/MnO<sub>2</sub>) battery (non-rechargeable), 12V/3000mAh.

**Capacity:** At 20°C±2°C, the new battery can discharge 200±10 times at 150J.

**Operation Life (standby):** 4 years (typical).

**Low Battery Status:** A battery that indicates low battery can still be used ≥10 times at 150J.

## Accessories (Pads)

**Pads:** Suitable for adults.

**Shelf Life/Operation Life (standby):** 4 years (typical) from manufacturing date.

**Cable Length:** 1.1m.

**Storage Space:** Pads can be stored in the space at the back of the device.

## Data Storage

**Memory Type:** Internal digital memory.

**ECG/Event Storage:** At least 8 hours of ECG and event/incident recording.

**Self-test Data Storage:** Up to 10 years.

## Communications

**Communications:** USB interface.

## Overall Device

**Height:** 232mm

**Width:** 209mm

**Depth:** 59mm

**Weight:** 1.5 kg (including battery and pads).

**Warranty:** 8 Years.





## Your distributor in Switzerland

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