

VIVEST AED

POWERBEAT X SERIES



POWERBEAT X3

- LCD Colorscreen



POWERBEAT X1

- Graphic Panel

- Automated Voice Prompt instructions & CPR guide metronome
- Extremely small & lightweight [1.5 kg only]
- 1 universal electrode pad for both Adult & Pediatric.
- **5 years device warranty** with 1-1 new replacement [manufacturer defect]
- **4 years pads & battery lifespan** with automatic self test everyday 24 hrs

www.myvivest.com



SPECIFICATION



LCD Colorscreen / Graphic Panel with Audio Prompt.



Adult & Child Universal Pad [2in1]
Lifespan : 4 years



Lithium Manganese (LiMnO2)
Non rechargeable
200 shocks
Lifespan : 4 years



CPR Guide : Metronome



1.5 kg [including battery & pads]
Size : 20.9 (W) * 23.2 (H) * 5.9 (D) cm



5 years warranty
1 - 1 brand new replacement
[Manufacturer defect]



Memory : Internal digital memory
Storage : 8 hrs ECG & Event Recording
Self test data up to 10 yrs



CE
MDA



Operation management:

Waveform : Biphasic Truncated Exponential
Energy level : adult (150 J), child (50 J)
Storage temperature : 5 ~ +50 °C
Altitude impact damage : 1.5 M free fall
Particle & water ingress : IP55
Self test : every 24 hours

What is included:

- x1 unit device
- x1 lithium battery
- x1 electrode pad (adult/pediatric)
- x1 user manual

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VIVEST AED

POWERBEAT X TRAINER



• LCD Colorscreen



• Graphic Panel

- Automated Voice Prompt instructions & CPR guide metronome
- **Remote control for training different scenarios**
- Exact same size as actual AED unit & lighter
- **Reusable universal electrode training pad** with interchangeable cable part
- **4 AA Alkaline battery** operated with minimal cost *[not included in set]*

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SPECIFICATION



LCD Colorscreen : 5" inch display
800 x 480 RGB
Graphic Panel : LED lights



Adult & Child Universal Pad [2in1]
Lifespan : Reusable
Replace after 20 times [proper use]



4 units alkaline AA battery 6V
Trainer do not deliver actual shock



CPR Guide : Metronome
Dual language [X3 trainer]



1.1 kg [including battery & pads]
Size : 20.9 (W) * 23.2 (H) * 5.9 (D) cm



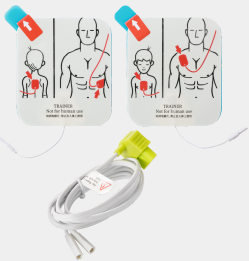
No warranty / out of box
Lifespan : 4 yrs



USB Port for updating software &
language configuration



Infrared Remote Control
Power : DC 3V
Battery : CR203 coin-cell



Operation & Storage :

Operating Temperature : 0~50 °C

Storage temperature : -20~+60 °C

Relative humidity, non condensing : ≤80 - 93%

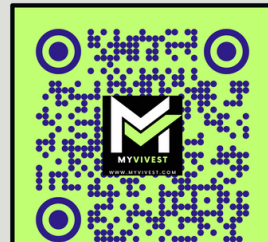
Atmospheric pressure : 70 ~ 106kPa

What is included:

- x1 unit device
- x1 gel electrode pad (adult/pediatric)
- x1 electrode cable part
- x1 user manual
- x1 remote
- x1 soft carry bag

Not included :

- Alkaline batteries



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 TOWER CABINET



 WALL CABINET 



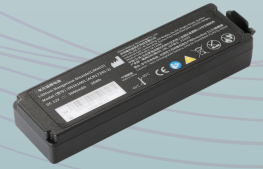
 HARD CARRY CASE



 UNIVERSAL PAD



 WALL BRACKET




 LITHIUM BATTERY

AED TRAINER SET & ACCESSORIES



 POWERBEAT X3 TRAINER



 TRAINER PADS
5 units Reusable



 SOFT CARRY BAG



 SIMULATOR




 POWERBEAT X1 TRAINER




 REMOTE CONTROL

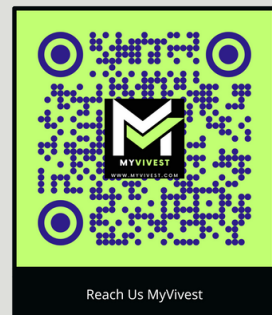


 MANUAL

 DISTRIBUTOR BULK ORDER FORM

 FIND OUT MORE ON DISTRIBUTORSHIP


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VIVEST AED

+ SIMULATOR



 POWERBEATS
X3 & X1



 SIMULATOR 

- Measuring device used to detect whether an AED can correctly identify discharge
- For **training & daily testing with generated Ventricular Fibrillation** signals
- NSR & VF mode test functions
- 3 AA Alkaline battery operated with minimal cost [*not included*]
- Built-in 50 Ω resistor, enabling **real defibrillation shock discharge**

www.myvivist.com



SPECIFICATION



Keys :

- On - Off
- VF / NSR with light indicator



Built in 50Ω resistor, supporting defibrillation discharge



3 AA battery

Low battery mode : 2 hrs operation after indicator light turn on



Indicator light :

- Low battery [yellow]
- Defibrillation discharge [red]



0.35 kg

Size : 10 (W) * 17.2 (H) * 3.5 (D) cm



WARNING :

- Be careful of high voltage discharge
- Do not put in contact with any liquids during use



3 continuous discharge in short period with 1-2 minutes intervals

- Do not discharge more than 360 J into AED Simulator



Operation management:

- Connect the Simulator plug to the AED discharge socket
- Switch "ON-OFF" key to start AED device & simulator
- Simulator : User press "VF" key to generate ventricular fibrillation ECG signals
- AED detects ventricular fibrillation : press shock button on AED to discharge electric current through simulator

What is included:

- x1 simulator

Key	Function
1 Defibrillation Discharge Indicator	When the defibrillation discharge is detected, the defibrillation discharge indicator will turn red.
2 Ventricular Fibrillation Signal	Press the button to select Ventricular Fibrillation signal (VF).
3 Normal ECG Signal	Press the button to select Normal ECG signal (NSR).
4 Low Battery Indicator	The low battery indicator is on when the battery is low.
5 On/Off	Machine On/Off.
6 Battery	Use AA batteries.

Not included :

- AA batteries

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Specifications

Defibrillator

Waveform: Biphasic Truncated Exponential (BTE) Waveform

Impedance Range: 20 - 180Ω

Energy Level:

Adults, energy released at 50Ω impedance: 150J

Children, energy released at 50Ω impedance: 50J

The energy levels are fixed.

CPR Coaching: CPR instructions for adults and children are available, with metronome and hand placement instructions.

CPR Protocol: Comply with 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)

Child Button: Users can switch to Child Mode at the touch of a button to lower energy and receive CPR guidance suitable for children (under 8 years old or less than 25kg.).

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)×87 mm (H) graphic panel, while PowerBeat X3 has 5 inches color LCD screen, 105 mm (W)×65 mm (H), resolution: 800×480 pixels

User Guidance: PowerBeat X1 has LED lights, graphic panel and voice prompt, while Powerbeat X3 has a color 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/Standby Temperature: 0°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)

Height: 232mm

Width: 209mm

Depth: 59mm

Weight: 1.5kg (including battery and pads)

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/MnO₂) battery (non-rechargeable), 12V/3000mAh

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

Shelf Life (storage out of device): 5.5 years from manufacturing date

Operation Life (standby): 5 years (typical)

Low Battery Status: A battery that indicates low battery can still be used ≥30 times at 150J.

Accessories(Pads)

Pads: Suitable for both adult and child patients

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

Cable Length: 1.1±0.1m

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, Bluetooth (standard); 4G module (optional)

Overall Device

Date of Production: See label at the bottom of main device.

Service Life: 10 years



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