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Vivest AED X3 defibrillator (New)

New,
PRC Manufacturing,
Vivest PowerBeat X3 semi-automatic defibrillator with color LCD screen, offering real-time visual and voice instructions. The device supports rescuers in performing effective cardiopulmonary resuscitation in accordance with AHA 2020 guidelines,
Features and benefits of the defibrillator:
Semi-automatic operation: the defibrillation shock is triggered with the push of a button, when the shock button flashes then the device is ready to release the electrical impulse,
LCD screen and speaker: instruct step-by-step on how to provide assistance with animation, text and voice messages,
Message language: can choose from two languages,
Universal electrodes: for defibrillation of adults and children,
Pediatric mode: change the operation of the device to child mode (after pressing the adult/child button for 3 seconds), reduces the shock energy to 50 J, and allows defibrillation of children using the same electrodes as for adults,
Self-tests: automatic: daily, weekly, monthly and quarterly; manual: self-test after installing batteries, self-test after turning on the device, service self-test,
Data recording: thanks to a memory card, the defibrillator has the ability to record patient parameters or a full record of emergency actions,
Durable battery: provides a 5-year standby period or allows 200 (+/-10) discharges,
IP55: waterproof, dustproof,
Interface:
On/Off button,
LED: status of the system, electrodes, battery - a flashing green light indicates that the device is working properly, a flashing red light indicates that the device is not working properly,
Color LCD display: displays animation and text messages, additionally displays: number of discharges, operating time, patient type (adult/child), battery level, information icon, selected language icon,
Information button: in rescue mode, pressing this button will repeat the message for the rescue action,
Language change button: Polish or English,
Adult/child mode change button: change the operation of the device from adult mode to pediatric mode,
Discharge button: when the button flashes the device is ready to administer a defibrillation shock,
Speaker: metronome and voice instructions for the user,
Defibrillation parameters:
Output energy: for adult patients is 150 J at 50 Ω, for pediatric patients is 50 J at 50 Ω,
CPR interval: approximately 7 seconds,
Waveform: biphasic, exponentially truncated,
ECG:
Level II ECG lead,
Frequency response from 1 Hz to 30 Hz,
Patient impedance range 20 Ω to 180 Ω,
Meets requirements: IEC 60601-2-4 and AHA 2020,
Self-tests:
Automatic: self-diagnostic tests (daily, weekly, monthly, quarterly),
Manual: battery installation self-test (performed when the user inserts the battery into the appropriate place in the device), self-test when the device is turned on, service self-test,
Battery:
Type: lithium-manganese (Li/MnO₂) battery, non-rechargeable,
Capacity: 12.0 V / 3000 mAh,
Battery life: up to 7 years (in "standby" mode up to 5 years),
Discharge capacity: up to 200 discharges at 150 J,
Electrodes:
Type: disposable, universal (for adults and children),
Shelf life: up to 5 years,
Cable length: 1.1 m,
Conductive area: 76 cm²,
Storage space: pocket on the back of the device,
Memory and connectivity:
Event and ECG memory: up to 8 hours,
Self-test memory: 3650 reports,
USB 2.0 port: data available for export includes configuration data, ECG data, impedance data, self-test and work log data, etc.,
Bluetooth module: for data export and service activities,
File system: FAT32,
Operating and storage conditions:
Operating temperature: -10°C to +50°C (can operate for at least 60 minutes after moving to -20°C environment from room temperature),
Storage/transport temperature: -40°C to +70°C (short-term <7 days),
Storage temperature: 5°C to +50°C (long-term),
Relative humidity: 5-95% (non-condensing),
Air pressure: 59.4kPa to 106kPa (-382m to +4283m),
Safety and certifications:
Degree of protection: IP55 (dustproof and waterproof),
Mechanical resistance: 1.5m drop test,
Standards: IEC 60601-1:2005+AMD1:2012+AMD2:2020 CSV; IEC 60601-2-4:2018; IEC 60601-1-2:2014+AMD1:2020 CSV; IEC 60601-1-12:2014+A1:2020 CSV; IEC 60601-1-11:2015+A1:2020; CISPR 11: Group 1, Class B,
Certifications: ISO 13485, CE,
Weight and dimensions:
Dimensions and weight: height: 23.2 cm, width: 20.9 cm, depth: 5.9 cm.
Weight: 1.5 kg (with battery and electrodes).
LCD screen dimensions: height: 10.55 cm, width: 6.53 cm (5 inches).
Screen resolution: 800 x 480 px,
Included:
AED PowerBeat X3 defibrillator,
Universal electrodes (1 set),
Lithium manganese battery,
User manual,
Has a current Technical Passport issued,
Warranty: 8 years,
Financing options (Poland only): Installments, Leasing, Loan,

