

Semi-Automated External Defibrillator



Introduction:

External defibrillators are essential emergency devices for defibrillation and cardiopulmonary resuscitation. Their principle is to use a strong pulse of electrical current through the heart to eliminate arrhythmia. The semi-automatic external defibrillator can be operated by automatic voice prompts, and can automatically identify the shockable rhythm and select the appropriate shock parameters. It can be deployed in emergency departments of hospitals at all levels, transportation hubs, schools, shopping malls and other densely populated public units.

Features:

- * Fast and effective, reliable performance.
- * The whole process of voice prompts, easy to operate.
- * Toggle adult/child mode with one key.
- * Regular self-test function.

Technical Parameters:

Model	BIO-AED-I
Control Type	Semi-automatic
Compensation Range	25Ω~180Ω
Mode	Adults (≥ 25 kg or ≥ 8 years); Children (< 25 kg or < 8years)
Discharge Wave Form	Biphasic exponential truncated wave, waveform parameters can be automatically compensated
Disposable Defibrillation Electrodes	Adult type, children type (optional)
Battery	Manganese dioxide lithium battery DC12.0V, 4200mAh
Number of Electric Shocks	≥160 times (20°C ± 2°C)
Duration of Continuous Monitoring	≥450 minutes (20°C ± 2°C)
Number of Electric Shocks (At Low Battery)	≥15 times (20°C ± 2°C) after the first low battery prompt
Service Life	Main instrument: 8 years; Battery: 5 years, electrode: ≥30 months
Registration Certificate No.	National Instrument Registration No. 20243080989
Operating Environment	0°C~50°C, 59%~95% (without condensation), 57kPa~106kPa
External Size(W*D*H)	215*280*85mm
Net Weight	1.9kg
Package Size(W*D*H)	335*345*150mm
Gross Weight	3kg

AED Trainer



Features:

- * Identical to the real machine
- * Simulation practice
- * Eight modes
- * Full-process voice guidance
- * Controlled by mobile phone

Introduction:

AED Trainer is designed to effectively train emergency responder in the use of an Automatic External Defibrillator (AED). This training unit provides a variety of pre-programmed scenarios to help responders become familiar with an AED and allow them to demonstrate the basic skills necessary to use an AED in an emergency. This machine has the same appearance, the same usage process and automatic voice operation prompts as the semi-automatic external defibrillator. It can truly simulate the emergency rescue process and is widely applicable to units such as hospitals, troops, schools, and the Red Cross Society.

Technical Parameters:

Model	BIO-DTAED-I	BIO-QTAED-I
Control Type	Semi-automatic	
Mode	Adults and Children	
Defibrillation Training Electrodes	Reusable and suitable for both adults and children	
CPR Mode	Compression, 30:2, 15:2	
Battery	Rechargeable lithium battery DC12.0V, 4200mAh	
Power Charger	AC100~240V,50/60Hz	
Control Mode	Wireless control by APP	
Group Control Function	No	Yes (Free networking group control available)
Service Life	Main instrument: 8 years	
Operating Environment	0°C~50°C, 59%~95% (without condensation), 57kPa~106kPa	
External Size(W*D*H)	215*280*85mm	
Net Weight	1.9 kg	
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