RESCUE LIFE 9 AED DEFIBRILLATOR with Temp - English



Product Code	55500
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	II B

UK-REP	No
CH-REP	No

RDM (NSIS)	2120575
CND	Z12030599
EAN/UPC	8023279555004
GMDN	17882

Description

RESCUE LIFE DEFIBRILLATOR 9"

• Model: BASE + AED + TEMP
• Language: English

Designed for an out-of hospital and hospital use.
Lightweight, ergonomic, attractive and robust portable device. Rescue Life 9 provides complete monitoring of parameters like 12 channels ECG, HR, SpO2, NIBP, Temperature and EtCO2. Synchronized cardioversion and external pacemaker in fixed or demand mode. Three operating modes: manual, AED, Advisory. Capnography waveform. Auto-test mode verifies device functions, battery status and charge-discharge system with real time data management and report printing. The IPX4 permits operations under adverse climatic situations.

Temperature (standard) and EtCO2 (optional)
It includes: temperature and EtCO2configuration.
Optional EtCO2 module can be added anytime.

Dual battery: one included, one optional
The powerful battery is up to 5 hours continuous monitoring. Second battery improves working time operation to 10 hours and avoid process disruption. Batteries can be easily replaced by the operator.

High resolution TFT LCD colour 8.4" display Intelligent Operator Support
Display shows visual messages, different colours for each function, clear voice support during difficult situations and simple menu with dedicated functions keys.

ECG Analysis in two modes
ECG signal can be filtered through diagnostic mode, which collects ECG traces for qualified personnel interpretation and diagnosis; monitoring mode, which removes noises caused by patient's movements or body physiological process.

AED & Advisory mode
AED mode: operators are supported by voices and messages in CPR and shock release. Advisory mode automatically and continuously analyzes ECG rhythm and the connection of cable and pads on patient, and tells if the shock is necessary.

Memory and Data Management + Software
Recorded ECG data and events can be transferred and managed on PC through a software which can be freely downloaded.

Other features:
- alarms for each single function
- automatic report before and after the shock release
- ergonomic reusable pads for manual defibrillation, disposable pads for AED defibrillation.

Technical Specifications

General requirements
• Dimension: 335x225x360 mm
• Weight: 6.5 kg with dual batteries
• Electrical: AC 100-240 VAC, 50/60 Hz
• Rechargeable Lithium-ion batteries: 15.0 V - 3.2 Ah
• Battery Operation Time:
>5 hours, with 1 battery
>10 hours with 2 batteries
• Charge Time: Max. 3 hours
• Capacity: 150 shocks with 1 battery or 300 shocks with 2 batteries at 230J fully charged
• Software: Voice and texts multi language
• Memory: Internal flash for ECG data, events and usage review

Defibrillation
• Waveform: Biphasic Truncated Exponential (BTE), HiCAP technology (Large storage capacitor)
• Impedance: C ompensated, range 25-200 Ohm
• Charge time: 6 sec for 230 J with battery fully charged

AED mode
• Energy: Fixed energy at 200 J
• Protocol: ERC 2015 CPR Guidelines with voice and text prompts
• Shockable rhythms: VF with amplitude > 0.15 mV and VT with rhythm >150 bpm
• Sensitivity: S hockable rhythm -VF > 95%, -VT > 75%
• Specificity: According to ERC 2015,
• Normal sinusoidal rhythm > 99%
• Asystole and other non-shockable rhythms > 99%

Manual mode
• Energy range: 1-230 J (from 1-10 J in 1 J steps; from 10 to 230 J in 10 J steps)
• Commands: Multifunction trim knob
• Charge and shock button in the front panel
• Operating mode: EC G «R» wave synchro or async mode
• Indicators: B attery and main led indicators

Display
• Type: High contrast TFT colour LCD 8” (800x600 dots)
• Information: ECG traces, SpO2, NIBP, EtCO2, TEMP, Heart Rate indicator, filters, alarms and batteries status
• Display mode: Can select 3, 6, 12 ECG leads

Ecg monitoring
• Bandwidth:
0.05 - 120 Hz (-3 db) in diagnostic mode
0.6 - 40 Hz (-3 db) in monitoring mode
• CMRR: > 98 dbv Input impedance: > 50 Mohm
• Input:
Patient cable 5 leads (I, II, III, aVL, aVF, aVR, V) - standard
Patient cable 10 leads (I, II, III, aVL, aVF, aVR, V1…..V6) - optional
• Speed: 5, 10, 25, 50 mm/sec
• Filters: 50/60 Hz, EMG Filter, base line
• HR range: 20-300 bpm (~2%), digital readout on the display
• Alarm: HR max settable 250 bpm; HR min 20 bpm

SpO2 (only 55505-55512)
• SpO2 range: 0-100% HR range: 30-250 bpm
• Accuracy: 70-100% ~2% for adults with finger clip sensor
• Alarm: Adjustable min 50%

Oscillometric NIBP (only 55510-55512)
• Accuracy: Meets ANSI/AAMI SP10-2002, EN 1060-4
• Application: Adult / Paediatric / Neonatal (mmHg)
• Systolic Range: 40-260 40-160 40-130
• Range MAP: 26-220 26-133 26-110
• Diastolic Range: 20-200 20-120 20-100
• PR range: 30-220 bpm ±2% or ±3 bpm
• Operating Modes: Manual, Long Term Automatic, Stat, Service
• Auto Interval Periods: 1,2,3,4,5,10,15,30,60 and 90 minutes

Integrated thermal 3 channels printer
• Paper speed 5, 10, 25, 50 mm/sec Paper width: 58 mm
• Mode: Manual, automatic (12” pre and post shock recording)

External pacemaker (only 55505-55512)
• Type: Rectangular wave
• Operating mode: Fixed on demand
• Pulse rate: 30 to 250 ppm, adj. in steps of 5 ppm
• Impulse duration: 22.5 ms

• Pulse current: 0 to 180 mA adj. in steps of 5mA
• Amplitude: Max 200 V

Mainstream technology Entidal CO2 (optional)
• Suitable for both intubated and non-intubated patients
• Measurement range: 0 to 150mmHg ±2%
• Respiratory rate: 0 to 150 bpm

Temperature
• Probe type: YSI400 compatible
• Range: 0 to 50° C
• Resolution: ±0.1° C

Standard
• IEC 60601-2-4; IEC 60601-1; IEC 60601-1-2; IEC 63204, IEC 62366-1
• CE Mark EEC 93/42: Medical device, Class IIb
• Isolation: ECG type CF, Defibrillation type BF
• Water proof: Class IP54

Standard accessories

1 internal Li-Ion battery
5 leads Patient cable
1 adult and pediatric reusable paddles set
1 disposable adult pads set
Printer with 1 paper roll
Main adaptor charger
Adaptor cable for disposable pads