

RESCUE LIFE 9 MANUAL AND AED DEFIBRILLATORS

High-resolution TFT LCD colour 8.4" 800x600 dots display

Brilliant and impact proof display allows the simultaneous visualization in real time of 3, 6 or 12 leads ECG and plethysmograph waveform with SpO₂ sensor connected

Fast connections

Users can choose between ergonomic reusable paddles, suitable for the manual defibrillation in both adult and pediatric patients or disposable pads for AED defibrillation. Both types are equipped with a single fast lock connection for reliable rescue operations

YOU MAY ORDER WITH 1 TO 3 OF BELOW PARAMETERS:

SpO₂, NIBP, PACEMAKER

INTEGRATED EtCO₂ and Temp Configurations



Memory and data management

Simple commands, extremely intuitive and easy to use. Immediate access to main setup parameters using only the trim knob and function keys. Internal memory to record ECG data and events

- 8.4" TFT LCD COLOUR DISPLAY - AUTOMATIC SELF TEST

AED & Advisory mode

Simple step 1-2-3 supports the operator during use in AED mode. Voice prompts and visual messages guide the procedure of CPR and release the shock. Advisory mode automatically and continuously analyzes the ECG rhythm with ECG cable or pads connected to patient and finally it advises if the shock is necessary.

RESCUE LIFE DEFIBRILLATOR 9"

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.

Temperature and EtCO₂ (optional)

It includes: temperature and EtCO₂ configuration. Optional Temp sensor and 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.

STANDARD ACCESSORIES

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

English	Italian	Other Languages*	RESCUE LIFE 9 DEFIBRILLATORS
55500	55501	55504	Rescue Life 9 basic + AED
55505	55506	55509	Rescue Life 9 basic+AED+SpO ₂ +PM
55510	55511	55514	Rescue Life 9 basic+AED+SpO ₂ +PM+NIBP

*French, Spanish, specify with order

Manual: GB or IT or FR or ES

Box of 1	Box of 10	RESCUE LIFE 9 ACCESSORIES
33461	33462	Disposable paddles - adult - pair - spare
33458	33459	Disposable paddles with cable - pediatric - pair - spare
33593		Adaptor cable for disposable paddles - spare for 33458-62
33594		ECG cable 10 leads - optional
55520		Rescue Life 9 bag
55521		Kit EtCO ₂ (sensors and cable) - optional
55522		Battery - spare
35674		Thermal paper - box of 20 - spare
33596		12V car light adapter - inverter

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: Compensated, 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: Shockable 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:

ECG «R» wave synchro or async mode
Indicators: Battery and main led indicators

Display

Type: High contrast TFT colour LCD 8.4" (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 55505-55514)

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 55510-55514)

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 55505-55514)

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 (optional)

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 IPX4