



progetti[®]
Medical Equipment Solutions



RESCUE SAM 4.0

Automated External Defibrillator

Made in Italy



HAVE NO FEAR! RESCUE SAM 4.0 IS HERE!

We have been producing technology for first aid and medical emergencies for over 30 years and know the worries of those who need to help victims of cardiac arrest all too well.

To help those first responders, we have decided to adopt 4.0 technology in our defibrillators to make the rescue operations even simpler. **Your increasingly smart and interconnected defibrillator.**

Furthermore, Rescue Sam 4.0 complies with the recent safety standards of medical devices, as prescribed by international guidelines.

4-CORE ANALYSIS SYSTEM™

A sophisticated system of continuous ECG signal analysis even while the defibrillator is charging between one shock and the next.

Thanks to its **four management algorithms**, it can autonomously determine when the shock is to be administered, guaranteeing its use will always be correct and completely safe.

PUREVOICE SYSTEM

A state-of-the-art audio system that guarantees you will hear the guide voice accompanying the first aid operation, even in the noisiest environments.

PADS-CONNECTED SYSTEM

A pads connection system that autonomously establishes what kind of shock to administer (adult or paediatric), designed to make your defibrillator more and more safe and performing.





CHOOSE TO BE ABLE TO SAVE A LIFE, WHEREVER YOU ARE.

The new Rescue Sam 4.0 defibrillator has been designed to be a life-saving tool that is easy to use in any situation. With a minimal design, it is also perfect in your living room at home.

Designed to eliminate distractions and ideal for less experienced rescuers, the new defibrillator made by Progetti Medical has:

A **USB input** to update the defibrillator conveniently from a PC

An **ergonomic design** with side grips and integrated pad compartment

Volume reduced by 30% compared to past models, making it easier to handle

The continuous **4-Core Analysis System™** for 100% safety

“PureVoice” latest-generation audio system **to be guided** by clear and audible messages even in noisy environments

Pad presence check

TAKEN TO THE LIMIT TO EXCEED THEM ALL

Rescue Sam 4.0 has undergone stringent endurance tests according to the latest safety standards. In addition, it has obtained the highest level of protection among our defibrillators (IP55), capable of resisting dust and liquids.



HOME



WORKPLACES



SPORTS CENTRES



PUBLIC PLACES



ALWAYS READY, ALWAYS UPDATED... ALWAYS EASIER.

Rescue Sam 4.0 defibrillator was created with the idea of making not only first aid, but also those secondary tasks such as updating and data management easier and more accessible to all.

In fact, Rescue Sam 4.0 offers:

An intelligent **periodic control system** that performs various tests to ensure perfect operation

An **internal battery memory**, to optimise battery consumption and always be ready for use

A **pad holder** compartment, to always have them on the device in any situation

More **immediate and simpler updates** thanks to the USB or Bluetooth connection

Maximum autonomy at maximum power: **20 hours of autonomy** and 200 shocks at maximum energy, to stay by your side anytime and anywhere

Only two buttons to simplify the entire aid operation



TECHNICAL CHARACTERISTICS

DEFIBRILLATOR

How to use: semi-automatic, for adult and paediatric use.

Waveform: Biphasic Exponential Truncated (BTE) controlled by impedance measurement.

Energy: adults: fixed at 200J - paediatric: 50J

Charging time from shock warning: <8 seconds to 200J with new battery; <5 seconds at 50J on paediatric patients.

Pacemaker detection: detection and removal of the artefact created by the pacemaker

ECG

CMRR: 120 dB

Input impedance: 500 MΩ

Amplitude: 25 mm/mV

Speed: 37.5 mm/s

Filters: fixed filters for removing power supply disturbances, baseline wandering and signal conditioning

HR frequency range: 20 – 300 bpm

PHYSICAL & ENVIRONMENTAL

Dimensions: 250 x 260 x 80 mm

Weight: 2,2 kg including battery and standard accessories

Protection class: IP 55

Operating temperature: -20° – 60 °C

BATTERY

Characteristics: 12 V DC, 4650 mAh non-chargeable long-lasting lithium-manganese battery, circuit protection, internal memory

Capacity: up to 20 hours in continuous operation or up to 200 shocks at maximum energy 200J

AUTOMATIC SELF-TEST

Battery insertion test, Daily, Weekly, Monthly Tests, Battery check

DATA RECORDING AND TRANSFER

ECG and events: up to 16 hours of recording ECG tracing and events

Environmental recording: >2 hours (optional)

CONNECTIVITY

USB: standard, micro-B type

STANDARDS AND SAFETY

IEC Standard: EN 60601-1; EN 60601-1-1; EN 60601-1-2; EN 60601-2-4

CE mark: EEC 93/42, medical device



BY YOUR SIDE TO SAVE LIVES

With the RESCUE SAM 4.0 series, our most evolved defibrillators, we take a further step forward to help those who save lives.

For 30 years, Progetti Medical has been enthusiastically and passionately investing in research and development, studying cutting-edge materials and technologies to always ensure innovative products.

Rescue SAM 4.0, the defibrillator of the future.



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IT 052021

CE 0068

Quality Management System
EN ISO 13485 certified