



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 we well know the worries of those who need to help victims of cardiac arrest.

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 (TM)

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

Thanks to its **4 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.

UNIVERSAL PADS

Thanks to the universal pads and the dedicated button on the front of the AED, the user can easily select the patient type (adult or pediatric) with a simple gestures, avoiding long time of pads replacements. The pads are preconnected for the maximum action speed.

PRE-CHARGE

The device has a pre-charge function which allows to the AED to be prepared for a possible shock, granting a significant time save during the shock charge.



**GOOD
DESIGN**

Award 2021



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

The new Rescue SAM 4.0 defibrillator has been designed to be a life-saving tool 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, integrated pads compartment and possibility to have an ergonomic handle (optional)

Volume reduced by 30% compared to old models, making 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

Pads connection continuous check

3 colours LED for device status indication

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:

Multilingual system with the possibility of selecting up to 3 languages.

A **smart periodic control system** that performs several tests to ensure perfect operation.

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

Universal adult/paediatric pads. Patient type change with dedicated button.

A **pads compartment**, to always have them preconnected to the device in any situation.

Maximum readiness thanks to **pre-charging** of the device.

Immediate and easier updates thanks the USB connection.

Maximum autonomy at maximum power: **10 hours of autonomy and 250 shocks at maximum power**, to stay at your side anytime, anywhere.

Automated version available.



TECHNICAL CHARACTERISTICS

DEFIBRILLATOR

Intended use: for adult and paediatric use with universal pads

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

Discharge protocol:

- Fixed: 200 J nominal (adult) or 50 J nominal (paediatric)
- Incremental (optional via 2 or 3 energy levels):
150 J up to max 200 J (adult)
50 J up to max 90 J (paediatric)

Energy charge time from shock advised with new battery:

Max 4 seconds 200 J (adult)

Max 3 seconds 50 J (paediatric)

Pacemaker Detection: Detection and removal of artefact created by pacemaker

ECG

CMRR: 120 dB

Input impedance: 500 k Ω

Filters: filters for noise removal from power supply, baseline wandering and signal conditioning.

HR frequency range: 30-300 bpm

PHYSICAL & ENVIRONMENTAL

Dimensions: 250 x 260 x 80 mm

Weight: 2.2 kg including battery pack and pads

Protection class: IP55

BATTERY

Characteristics: 12 V_{DC}, 4200 mAh, non rechargeable LiMnO₂ battery with circuit protection and internal memory

Capacity: up to 10 hours continuous operation or up to 250 shocks at maximum energy 200 J

AUTOMATIC SELF-TEST

Continuous automatic functional test on device and battery, battery insertion test and monthly test

DATA RECORDING AND TRANSFER

ECG and events: up to 150 hours of recording ECG event tracing and environmental recording.

Internal memory: 8 Gb

Sampling rate: 1200 samples per second

CONNECTIVITY

USB: Wired for PC connection

Cable characteristic: USB-A (PC side), Micro-B (AED side)

PERFORMANCE AND SAFETY STANDARDS

EN 60601-1; EN 60601-1-2; EN 60601-2-4

EC Mark: MDD 93/42/EEC



BY YOUR SIDE TO SAVE LIVES

With the Rescue SAM 4.0 series, our most evolved defibrillators, we take a further step forward to support Rescuers worldwide.

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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