



progetti[®]
Medical Equipment Solutions

RESCUE SAM 4.0D

Automated external defibrillator

Made in Italy



- + **FAST**
- + **HIGH-PERFORMING**
- + **SAFETY =**
- + **LIVES SAVED**

Speed of action is essential for effective first aid. **Rescue SAM 4.0 optimises the analysis time** for detecting the rhythm that can be defibrillated and rapid energy charge.

4-CORE ANALYSIS

The continuous analysis system works with **4 different algorithms** that make RESCUE SAM 4.0 safer and even more reliable. Thanks to the **elimination of disturbances and external noises**, it guarantees the highest quality analysis of the ECG signal when detecting the arrhythmia that can be defibrillated.

**GOOD
DESIGN**

Award 2021





+ ADVANTAGES









+ PRECISE

+ SAFE

+ MULTIMEDIA

Rescue SAM 4.0 is Progetti Medical's most advanced defibrillator.

It offers a number of unique benefits:

-  continuous **ECG analysis** system
-  **"PureVoice"** audio system
-  **quick and easy update** via PC
-  even larger **colour display**
-  **ergonomic design** with side handles
-  **volume reduced by 30%** compared to older models
-  integrated compartment for **pre-connected plates**
-  **plate presence** control

DEVELOPMENTS

THAT IMPROVE LIVES

Rescue SAM 4.0's smart connection system **recognises the plates and sets the shock to the most appropriate protocol for the adult or paediatric patient.**

The special connector has been made to ensure the best construction standards.



Also available in the version without screen



EVERYTHING YOU CAN'T DO WITHOUT

Your AED, always monitored. Rescue's smart periodic control system SAM 4.0 performs different types of tests, including battery insertion tests, and daily, weekly and monthly tests to ensure proper operation, reporting the status with a clearly visible LED.

Your AED is always ready thanks to a plate system already connected to the device for rapid application to the patient's chest.

Battery management is always optimised, thanks to the internal memory that constantly records its use.

200 full-energy shocks or 12 hours of use, ensuring long working autonomy for users.

Multilingual software, allows simultaneously using 2 languages in the same device.

AN ENTIRELY DIFFERENT DISPLAY

The large, high visibility 7" colour display ensures a **complete, fast, clear, and easily manageable reading of vital signs** through an intuitive interface that guides users in displaying the main parameters.

Intervention recording, 16 hours of ECG trace memory and environmental recording with relative events which can be reviewed and managed on SAM data manager software.

AED always updated quickly and easily via PC or simply with a USB stick.

Easily manage your data through the USB connectivity of the management software, which can also be used with other Progetti Medical devices.

Maximum safety thanks to the high protection and safety standards of the medical devices.

Ergonomic carrying bag, facilitates transport and holds many useful first aid accessories.

PUSHED TO THE LIMIT SO IT CAN ALWAYS BE USED



Rescue Sam 4.0D was designed to also be used in the most extreme emergencies. It was therefore subjected to countless tests by accredited, avant-garde laboratories, who worked to ensure that our devices are durable, sustainable and safe and that they can withstand shocks, impacts and the entry of dust and liquids (IP55).

TWO BUTTONS THAT SAVE LIVES

We have minimised the use of the defibrillator to the bare essentials: **2 buttons for the entire rescue operation, a voice guide and a high-visibility display** allow the first responder to work in any situation with complete peace of mind and safety.

ITS VOICE YOUR GUIDE

Rescue Sam 4.0's "PureVoice" audio system was designed to ensure **perfect understanding in any situation with noise disturbance**.

Wherever you are, Rescue SAM 4.0's voice will always be ready to guide you.



TECHNICAL SPECIFICATIONS

DEFIBRILLATOR

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

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

Energy:

adults: fixed at 200J - paediatric: less than 50J

Charging time from discharge 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

DISPLAY

Type: 7" colour LCD, resolution 800x480 pixels

Brightness control: 10 settable levels

ECG

Band: ECG displayed: 0.25 - 160 Hz

CMRR: 120 dB

Input impedance: >500MΩ

Amplitude: 25 mm/mV

Speed: 37.5 mm/s

Filters: fixed filters for removing 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: 12V DC, 4200mAh non-chargeable long-lasting lithium-manganese battery, internal memory.

Capacity: up to 12 hours in continuous operation or up to 200 shocks at maximum energy 200 J

AUTOMATIC SELF-TEST

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

DATA RECORDING AND TRANSFER

Internal memory: up to 16 hours recording ECG tracing and events

Environmental recording: >2 hours (optional)

CONNECTIVITY

USB: standard, micro-B

STANDARDS AND SAFETY

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

EC 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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