

TecnoHeart

Defibrillation

Automatic and semiautomatic defibrillators

First Aid

The defibrillator line has 2 models:

- TecnoHeart S (semiautomatic)
- TecnoHeart A (automatic)

The semiautomatic TecnoHeart S system

The AED defibrillators currently on the market are mainly semiautomatic. They supply vocal commands to the operator advising how to proceed and the shocks are delivered by means of a manual command given by the operator. A simple guided operation.

The automatic TecnoHeart A system

The Tecnoheart AED automatic defibrillators are the maximum expression of versatility. These models manage all of the operations autonomously, informing the care giver of the activities being performed by the machine. The shocks are also delivered independently, subsequent to a verbal warning, without operator intervention. This avoids delays and hesitation, and all activities are carried out without human involvement.



Tecnoheart AED A
Automatic defibrillator



Ask the expert

Who needs this?

All dental surgeries.

Why TecnoHeart?

Purchasing a defibrillator is an important and delicate decision, as it is the most important life-saving product, and **TecnoHeart is the best possible choice in terms of safety.**

■ Art. 930304

Tecnoheart AED A
Automatic defibrillator

■ Art. 930302

Tecnoheart AED S
Semi-automatic defibrillator



Frame and click!

Use your mobile phone to get further information about this issue.





Tecnoheart AED S
Semiautomatic defibrillator

Safe and simple

Guided voice instructions

Following the written messages and voice instructions, anyone is practically able to use this lifesaving device. The instrument automatically gauges when a potentially lifesaving shock is required and protects the user against accidental shocks. Using a simple approach, the TecnoHeart device **guarantees a timely response without hesitation**. Thanks to its compact dimensions, the care giver can use this device rapidly and immediately, in the event of an unexpected cardiac arrest.

Wide variety of accessories

AED devices are being installed in an increasingly wide variety of locations and the TecnoHeart models are an excellent example, thanks to the help they offer care givers, enabling them to respond rapidly in an emergency. Tecno-Heart devices are battery operated with long-life, high-performance lithium batteries that do not require maintenance.

Tecnoheart reliability:

- Daily self-testing of all critical components, to ensure the equipment's constant efficiency.
- Daily self-testing of batteries, circuits and software to ensure that efficacy is maintained at all times.
- Weekly self-testing for the purpose of checking partial and full energy.
- Electrode presence and functionality test. This is an extremely important check that only exists on a few highly advanced AED defibrillators.
- Battery capacity level – the charge level of the batteries is always visible, thereby permitting controlled management.
- Visual and acoustic status indicator.

Tecnoheart ease of use

- Buttons for operation: only 1 button to be activated in response to the voice command (semi-automatic version), no buttons (automatic version)
- Pre-connected electrodes: always ready for use
- Non-polarized electrodes
- Text display: a display duplicates the voice commands and alarms through icons and written instructions
- Voice prompts for the positioning of the electrodes and advanced CPR: to assist you in all kinds of activities and functions.



Tecnoheart technology

- Biphasic technology, more advanced system for delivering and supplying the shocks
- First shock efficacy: 100% certified
- Average shock per patient: 2.3
- Time required for efficacious defibrillation: 55 secs

TecnoHeart analysis algorithm

- Programmable VF/VT ratio: 120-240 bpm
- Asystole threshold: 0.08 Mv
- Detection of noise during analysis: yes
- Control of shocks delivered: yes
- Monitoring during CPR: yes
- Synchronized shock: yes
- Detection of Pacemaker pulse: yes

TecnoHeart other features

- Internal memory for ECG data: 60 minutes
- Compatibility with manual defibrillators: yes
- Multi-event functionality: yes
- Pediatric electrodes: yes
- Product guarantee: 5 years
- Battery guarantee: 4 years



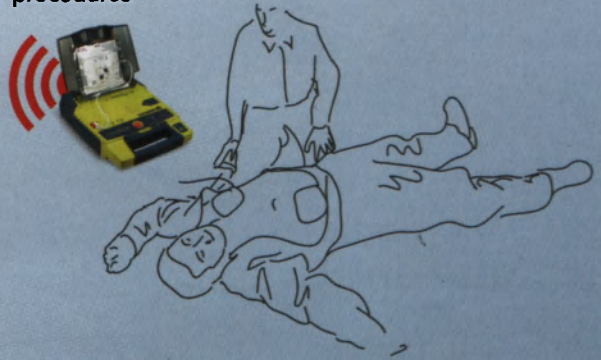
Versione training

A training version is available on request

Art. 930301



Simple vocal procedures



TecnoHeart

Width	270 mm
Height	80 mm
Depth	310 mm
Weight	3,1 Kg
Length of electrodes	130 cm
Energy level	Variable increasing energy (VE) 150j to 360j
Battery	Intellisense ® with lithium



Accessories



Holder for wall-mounting

Tecnoheart holder with rear accessory pocket and expiry date inspection window.

Art. 930311



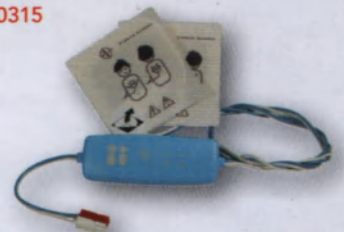
Identificate sign

Art. 930315

Accessories

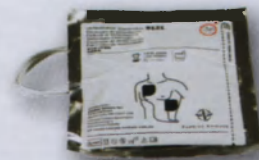
Baby pair plates with key

Art. 930315



Battery

Art. 930314



Pair plates

Art. 930312