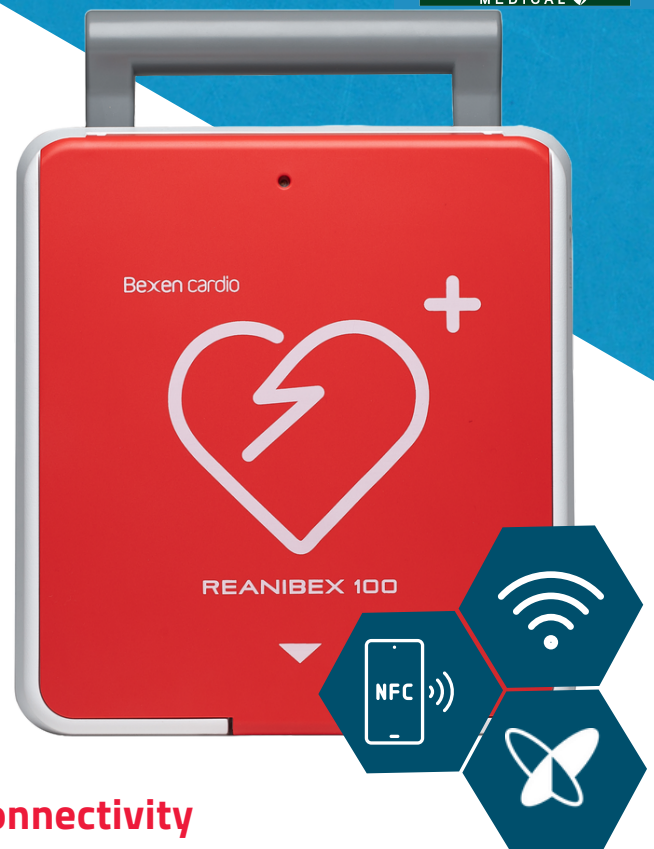


Reanibex 100 with connectivity

Bexen Cardio

The Reanibex 100 is a portable, user-friendly automated external defibrillator (AED) which empowers non-professionals to provide fast, effective first aid treatment to cardiac arrest victims, adults or children.

Choose between WiFi or Sigfox connectivity, with a free Sigfox license included for the first 5 years.



Advantages of the Reanibex 100 with connectivity



Reanibex Data Net

Synchronize your AED with the Reanibex Data Net. Here, you can customize the settings of your AED, including the volume, CPR sequence, energy levels, and patient type. Plus, you can effortlessly check the battery status and the expiration date of the electrodes. Use of the data network is free of charge



Metronome

Feedback on the pace of CPR. The AED helps you if you do not resuscitate at the rhythm of the metronome. chances are high that due to this feature, the rescuer will resuscitate at a better pace. There is a high chance of a better outcome for the victim.



Child button

This button turns the AED into an AED for children under the age of 8. With the same electrodes a child can be helped without special child electrodes.



Water- and dust-resistant

The high IP rating of 55, guarantees resistance to water and dust. This makes this AED suitable in humid and / or dusty environments.



Semi or fully-automatic

In the semi-automatic version the rescuer has to push the shock button to deliver the shock. In the Fully-Automatic version the shock is delivered automatically when needed.



Durability

Engineered with robust materials and built to withstand challenging environments, the Reanibex 100 AED is designed for long-term reliability.

When do you receive alerts?

- **Battery issues:** When the battery is low or the battery needs to be replaced.
- **Electrode Issues:** When the electrodes are used or (almost) expire.
- **The device cover is left open:** In this case, the power consumption is higher.
- **The device has been used with a patient:** (or a patient is connected).
- **Shockable rhythm:** When the device detects a shockable rhythm.
- **Errors** that affect the functionality of the device.
- When there is a warning regarding the operation of the device.

General

| | |
|------------|--|
| Dimensions | Without handle 217 mm (Width) x 235 mm (Depth) x 96 mm (High) With handle 217 mm (Width) x 285 mm (Depth) x 96 mm (High) |
| Weight | Equipment without battery: 1,7 kg Equipment without handle, with disposable pads and battery: < 2kg Equipment with handle, with disposable pads and battery: < 2,15 kg |

AED Defibrillator

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|---|---|
| Operating mode | Semi or fully automatic |
| Waveform Output energy | Biphasic truncated exponential adapted to patient's impedance |
| Charging Time Pads types Defibrillable rhythms CPR Help | 150 - 200 Joules for adult patients and 50 - 90 Joules for pediatric patients. 0 seconds - Precharged |
| Resuscitation guidelines | Disposable pre-connected pads for adult and pediatric. Ventricular fibrillations and rapid ventricular tachycardias. Metronome with compressions rate feedback in real time. Factory set Guidelines 2015 (ERC/AHA) and its review of 2017. |

Data storage

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|-----------------|---|
| Internal memory | 10 episodes of at least 15 hours of ECG signal and events. |
| Data review | Web application Reanibex Data Net for downloading, reproducing, storing and reviewing recorded episodes (optional). |

Applications

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|-------------------|--|
| USB Sync | PC application to synchronize the device with the Reanibex Data Net application. |
| NFC Reader | NFC application for Android devices to check the information and status of the device and its accessories. |
| Reanibex Data Net | Web application to download, display, manage, store and analyze episodes. |

Communications

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|----------|---|
| Wi-Fi | 802.11 b/g/n Security Protocols: WPA2/WPA Personal, WPA2/WPA Enterprise and WEP (for alerts and geolocation). |
| Sigfox | Frequency: between 868 and 868.2 MHz, Transmission power (typ): Between 12.5 and 13.5 dBm (for alerts and geolocation). |
| USB Port | USB 2.0 (for equipment upgrade and episodes sending). |

Battery

| | |
|-------------------------|---|
| Type | Disposable battery LiMnO ₂ 4.2 A/h, 12 V |
| Capacity | More than 350 shocks at 200 J or more than 36 hours of monitoring at 25 °C. |
| Shelf life | 5 years |
| Capacity | At least 60 shocks 200J |
| Placement of electrodes | Anterior/lateral, for children anterior/posterior |
| Electrode surface | 100 cm ² |
| Cable length | 1 meter |

Environment

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|------------------------------|--|
| Operating Temperature | From 0 to 50 °C |
| Storage temperature | From -25 to 70 °C |
| Humidity | 0 to 95% |
| Altitude | 0 to 5.000 m |
| Resistance to solids/liquids | IP55 |
| EMC | EN 60601-1-11:2015 and EN 60601-1-2:2015 |
| Vibrations / Shocks | EN 60601-1-11:2015 |