

Reanibex 100

Technical Specifications

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: < 2 kg

Equipment with handle, with disposable pads and battery: < 2,15 kg

AED DEFIBRILLATOR

Operating mode

Semi or fully automatic

Waveform

Biphasic truncated exponential adapted to patient's impedance

Output energy

Configurable from 150 - 200 Joules for adult patients and 50 - 100 Joules for pediatric patients

Patient impedance measurement range

0 to 320 ohms

Charging Time

0 seconds - Precharged

Pads types

Disposable pre-connected pads for adult and pediatric

Defibrillable rhythms

Ventricular fibrillations and rapid ventricular tachycardias

Analysis time

Typically 6,4 seconds

CPR Help

Metronome with compressions rate feedback in real time

Resuscitation guidelines

Factory set Guidelines 2021 (ERC/AHA)

Languages

6 languages (different language packages available)

DATA STORAGE

Internal memory capacity

10 episodes of at least 15 hours of ECG signal and events

Data download

Using USB Cable

APPLICATIONS

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

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 (device without communication) 4 years (device with Geolocation and Sigfox) 3,5 years (device with Geolocation, Sigfox and WiFi). *see section "8.5 BATTERY MAINTENANCE" of the User manual for the conditions

ENVIRONMENT

Operating Temperature	From 0 to 50 °C
Storage temperature	From -25 to 70 °C
Relative humidity	0 to 95 %
Altitude	0 to 5.000 m
Resistance to solids/liquids	IP55
Drops	1,2 meters
EMC	EN 60601-1-11:2015 e EN 60601-1-2:2015
Vibrations / Shocks	EN 60601-1-11:2015