

 ortivus

# **MobiMed** Life

**REANIBEX 300** DEFIBRILLATOR



## SAVING VITAL SECONDS

With over 30 years' experience in cardiology and in close collaboration with our users, Ortivus has developed MobiMed, the leading solution for patient monitoring and record keeping in prehospital care. With MobiMed, ambulance personnel can monitor and treat the patient out in the field, while patient data and vital parameters are shared in real time throughout the care chain. MobiMed Life – a part of MobiMed, is a stand-alone defibrillation solution that can be tailored to the organisation's needs.

Bexen Cardio has with its long experience developed Reanibex 300, a compact, user-friendly and intuitive defibrillator with clear voice instructions and guiding icons via display. CPR assistance is offered in real time with the help of a metronome, representation of compression speed and compression depth. Reanibex 300 is created to withstand tough conditions with minimal maintenance.



**Compact, robust and intuitive defibrillator**



**CPR assistance**



**360 Joule**

## HEART SAFE SOLUTIONS

The Reanibex 300 is an Automated External Defibrillator (AED) with a colour screen with 3D animated graphics and on-screen ECG signal display. The Reanibex 300 Manual is portable, lightweight, and compact with all the features needed for responding to cardiac arrest situations.

### Rubust Design

Compact, robust design created to withstand tough conditions.

### User-Friendly

Light weight

### Flexible Power Options

Choose between a rechargeable (Li-ion) or non-rechargeable (Li SO<sub>2</sub>) battery for your device.

### 360 Joules

Can escalate energy levels up to 360J.

### Saving Vital Seconds

Minimizes CPR interruptions by allowing compressions to continue during energy charging.

### ERC/AHA - Riklinjer

Configured according to ERC / AHA guidelines.

### ECG Capability

3-lead ECG function, available when needed.

### CPR Assistance

Real-time CPR assistance using metronome, compression velocity rendering and compression depth.

### Shock Counter

Digitally records and displays delivered shocks for added insight.

### Large Display

User-friendly and intuitive, with clear high-resolution 5,7-inch color display for patient monitoring. The screen can be set to high contrast mode.

### Customisable

Voice messages, CPRS settings, languages, defibrillation protocols, etc. can be customised via configuration tools.

### Self-tests

The defibrillator performs regular and automatic self-tests to ensure functionality and facilitate maintenance.



## OVERVIEW

1. Electrodes
2. Connector for ECG, 3-lead cable
3. CPR feedback, Push pad
4. Status indicator
5. On/Off - Button
6. USB-connector
7. Defibrillation button



# TECHNICAL SPECIFICATION

## REANIBEX 300 DEFIBRILLATOR

### General

**Dimensions:** 290mm(W) x 245mm(D) x 100mm(H)

**Weight:** 2.9 Kg with battery

### Defibrillator

**Waveform:** Biphasic truncated exponential adjusted to the impedance of the patient.

**Output energy:** From 150 to 360 Joules for *adult patients*, from 40 to 90 Joules for *pediatric patients*.

**Charging Time:** Less than 5 seconds at 200 Joules with a new fully charged battery. Less than 7 seconds at 360 Joules with a new fully charged battery.

**Indicators:** Text Messages, audible alerts, status indications, battery indicator, metronome, CPR help with feedback.

**Available energy indicators:** Charging tone, available energy tone, flashing discharge button, audible messages.

### Manual Mode

**Energy selection:** By configuration

### AED Mode

**Defibrillable rhythms:** Ventricular fibrillations and rapid ventricular tachycardia.

**CPR Help:** Metronome with compressions rate feedback in real time. With the *push-pad device option*: compressions rate and depth feedback in real time.

**Specificity and sensitivity of the detection algorithm:** Fulfils AHA requirements.

**Resuscitation guidelines:** Factory set Guidelines 2015 (ERC/AHA) and its review of 2017.

### ECG Mode

**Input:** The ECG electrodes signal can be obtained through 3-leadwires patient cable: Lead II (optional).

**Heart Rate:** From 15 to 300 ppm.

### Real-Time CPR Feedback Device (optional)

**Push pad:** Provides real time feedback of the rate and depth of the compressions during the CPR times.

### Data Storage

**Internal memory:** Stores the continuous ECG signal with all the events and the sound (only in AED mode). Up to 4GB, which is approximately 10 hours of continuous ECG signal with all the events and audio recording for each episode.

**USB connection:** For USB memory stick.

**Data review:** PC application (Reanibex Data Manager) for downloading, reproducing, handling, storing and reviewing recorded episodes (optional)

### Screen

**Size:** 5,7 " (diagonal).

**Type:** TFT Colour.

**Resolution:** 480 x 640 pixels.

**Sweep rate:** 25 mm/sec for the ECG.

**Display time:** 4 seconds of ECG signal.

### Battery

**Type:** Li-Ion rechargeable battery and Li-SO<sub>2</sub> non-rechargeable battery.

**Battery indicators:** Battery status indicator on screen, low battery indication and absence of battery indication on the status indicator.

**Capacity:** *Rechargeable battery:* More than 200 discharges at 360 Joules with a new fully charged battery at 25 °C. *Non-rechargeable battery:* More than 270 discharges at 360 Joules at 25 °C

### Environment

**Operating temperature:** From 0 °C to 40 °C with the Li-Ion battery pack installed. From 0 °C to 50 °C with the LiSO<sub>2</sub> battery pack installed.

**Storage temperature:** From -20 °C to 60 °C (except batteries and disposable multifunction pads)

**Humidity:** 10 to 95 % non-condensing

**Altitude:** 0 to 5000 m

**Shocks & vibrations:** EN 1789:2007 MIL STD 810 G, category 16

**Resistance to solids/liquids:** IP55.

**EMC:** Complies with IEC 60601-1-2:2007



## MobiMed Life Products

### Defibrillators/Monitors



#### Reanibex 100

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.



#### Reanibex 300 AED/MANUAL

The Reanibex 300 is an Automated External Defibrillator (AED) with a colour screen with 3D animated graphics and on-screen ECG signal display. The Reanibex 300 Manual is portable, lightweight, and compact with all the features needed for responding to cardiac arrest situations.



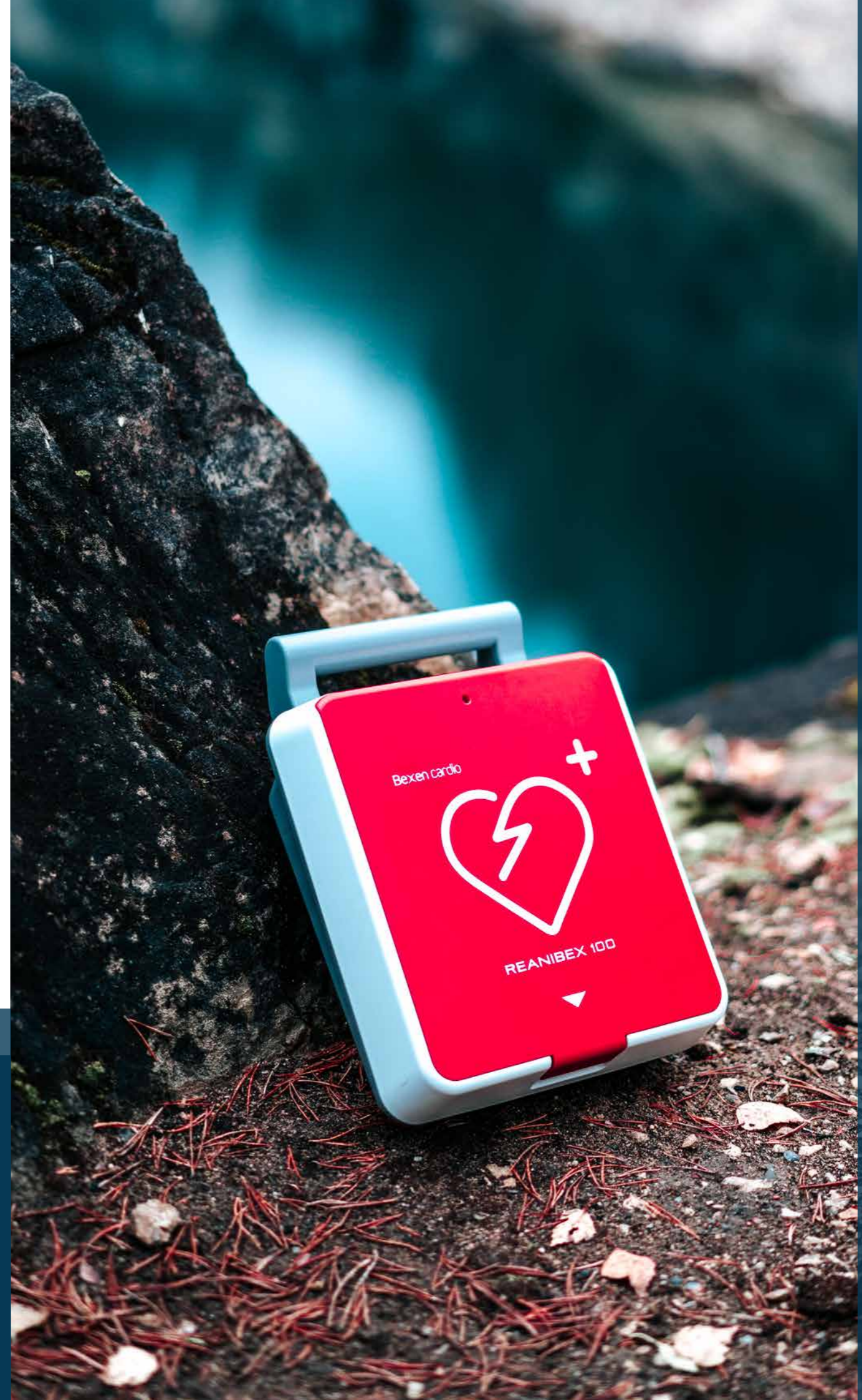
#### Reanibex 500 EMS

The Reanibex 500 EMS is specially designed for advanced monitoring and resuscitation functions, and has four operating modes: Monitor, Manual Defibrillator, Automated Defibrillator and Pacemaker.



#### Reanibex 800

The Reanibex 800 is the only Multi-Parameter Defibrillator Monitor with a plug & play design on the market designed for Advanced Life Support and has four operating modes: Monitor, Manual Defibrillator, AED and Pacemaker.



Ortivus AB  
Svärdvägen 19  
182 33 Danderyd

[info@ortivus.com](mailto:info@ortivus.com)  
+46 0 446 45 00  
[www.ortivus.com](http://www.ortivus.com)

