ortivus

MobiMed
Life

REANIBEX 300 EMS DEFIBRILLATOR

®

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 SO2) battery for your device.

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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 acording 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-SO2 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 ºC. *Non-rechargeable battery:* More than 270 discharges at 360 Joules at 25 ºC

Enviroment

Operating temperature: From 0 ºC to 40 ºC with the Li-Ion battery pack installed. From 0 ºC to 50 ºC with the LiSO2 battery pack installed.
Storage temperature: From -20 ºC to 60 ºC (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
Resistace 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.

SAVING VITAL SECONDS

With in-depth clinical knowledge and in close cooperation with users, Ortivus has developed MobiMed, a leading solution for communication and information sharing through the prehospital care chain.

MobiMed is a modular total solution for the healthcare of the future. The system is divided into five different product groups that can be integrated and adapted as needed.

- MobiMed Monitor, for patient monitoring
- MobiMed ePR, decision support and documentation
- MobiMed Life, stand-alone defibrillators
- MobiMed EnRoute, case management and navigation
- MobiMed FleetCtrl, for automated vehicle controls

MobiMed enables healthcare professionals to make the right decision at the right time at the same time as the system contributes to improved healthcare qualityand saved resources.

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

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