

Bexen cardio

Ready for life

Reanibex 500

Monitor
Defibrillator
Manual/AED with
Non invasive
pacing and SpO2



Biphasic Manual and AED
defibrillator up to 360J

Universal AED algorithm for
adult and paediatric patients

CPR guidance device in real
time (Push Pad)

Large colour display (5,7")

Possibility to configure the
screen on high contrast mode

"Autotraining" mode

Reanibex 500.

Rugged and compact.

Pulse Oximetry SpO2 from Masimo SET technology

Large colour display (5,7")

Disposable electrodes for adult and paediatric patients

Status indicator always visible

CPR guidance with feedback (Push Pad device)

2 USB ports

Electrodes for adult and paediatric patients

3 leads patient cable

FEATURES

- Universal AED algorithm for adult and paediatric patients.
- Lightweight unit with monitoring capabilities (IEC 60601-2-27).
- 3 leads patient cable.
- Synchronized cardioversion.
- Non-invasive pacing (optional).
- Pulse Oximetry SpO2 from Masimo SET (optional).
- "Push Pad" device, reports the quality of the frequency and depth of chest compressions in real time (optional).
- Large colour display 5.7".
- Possibility of setting the screen on high contrast mode.
- Configured according to ERC/ AHA guidelines 2015 and its review of 2017.
- Automatic daily selftest ensures the device continual readiness.
- USB connection (2 ports).
- Rugged and durable design for any environment.
- User friendly and very intuitive in use.

ACCESSORIES

- Adult and paediatric disposable electrodes for defibrillation.
- Adult and paediatric ECG electrodes.
- Carrying case (1).
- Ambulance bracket (EN 1789:2007 certified) (2).
- 3 leads patient cable.
- SpO2 probes from Masimo SET.
- "Push Pad" device.
- Rechargeable and non rechargeable battery (3).
- External battery charger.
- External dual battery charger 12 V (DC) or 220V (AC).
- "REANIBEX Data Manager" Software application to manage and organize all the data gathered.
- Rechargeable battery for autotraining mode (4).



(1)



(3)



(2)



(4)

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Reanibex 500

Technical Specifications

GENERAL

Dimensions	290 mm (W) x 245 mm (D) x 100 mm (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
Indicadores	Text Messages, audible alerts, status indications, battery indicator, synchronism mode, CPR help with feedback
Available energy indicators	Charging tone, available energy tone, flashing discharge button, audible messages, indication of energy level on the screen

MANUAL MODE

Energy selection	Manually
CPR Help	Metronome with compressions rate feedback in real time With the push-pad device option: compressions rate and depth feedback in real time
Synchronized cardioversion	Yes

AED MODE

Defibrillable rhythms	Ventricular fibrillations and rapid ventricular tachycardias
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	Fulfills AHA requirements
Resuscitation guidelines	Factory set Guidelines 2015 (ERC/AHA) and its review of 2017.

ECG MONITOR

Inputs	3 – leadwires patient cable: derivadas I, II ó III The ECG electrodes signal can be obtained through disposable multifunction electrodes and through the patient cable
Sensitivity	0.5, 1, 2, 4 cm/mV and autogain
Heart Rate	From 30 to 300 ppm (accuracy of $\pm 10\%$)
Common mode rejection	Greater than 90 dBs (IEC 60601-2-27)
Frequency response	On screen: 0.67 – 40 Hz or 1 – 30 Hz

SCREEN

Tamaño	5,7 " (diagonal)
Type	TFT Colour
Resolution	480 x 640 pixels
Sweep rate	25 mm/sec for the ECG and SpO2 waveforms
Display time	4 seconds of ECG signal

PACEMAKER

Waveform	Rectangular constant current
Pulse width	40 ms (precisión de $\pm 10 \%$)
Amplitude	From 0 to 200 mA (accuracy of $\pm 10 \%$)
Frequency	De 30 a 180 ppm (accuracy of $\pm 10 \%$)
Operating modes	Fixed and on demand
Refractory period	340 ms from 30 to 80 ppm 240 ms from 85 to 180 ppm

PULSE OXIMETRY

Range	From 0 to 100 %
Accuracy	Without movement: $\leq 2\%$. With movement: $\leq 3\%$
Pulse frequency	From 25 to 240 ppm
Pulse frequency accuracy	Without movement: ≤ 3 ppm. With movement: ≤ 5 ppm

DATA STORAGE

Internal memory	Stores the continuous ECG signal with all the events and the sound (the audio only in AED mode). Up to 1GB.
USB connection	For PC connection and USB memory stick

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 °C Non-rechargeable battery: More than 270 discharges at 360 Joules at 25 °C

ENVIRONMENT

Operating Temperature	From 0 to 50 °C
Storage temperature	From -20 to 60 °C
Humidity	10 to 95 % non-condensing
Altitude	0 to 5000 m
Shocks and vibrations	EN 1789:2007 MIL STD 810 G category 16
Resistance to solids/liquids	IP55. Water test performed with cables connected to the equipment
EMC	Complies with IEC 60601-1-2:2007