

Reanibex 500

Defibrillator Monitor
Desfibrilador Monitor
Défibrillateur Monitor



FEATURES

- Biphasic Manual and AED Defibrillator up to 360 Joules.
- Lightweight unit with monitoring capabilities (IEC 60601-2-27).
- Large colour display 5.7".
- 3-lead patient cable.
- Synchronized Cardioversion.
- Non-invasive pacing (optional).
- Universal AED algorithm for adult and paediatric patients.
- Pulse Oximetry with Masimo SET technology (optional).
- Automatic daily self-test ensures the device is always ready for use.
- CPR guidance according to international protocols (Factory set 2010 Guidelines (ERC/AHA)).
- USB connection (2 USB ports).
- Two battery options: non rechargeable and rechargeable.
- Rugged and compact design for use in any environment.
- User-friendly and very intuitive to use.

CARACTERÍSTICAS

- Desfibrilador Bifásico Manual y DEA hasta 360 Julios.
- Equipo ligero con capacidad de monitoreo (IEC 60601-2-27).
- Amplia pantalla color de 5,7".
- Cable de paciente de 3 latiguillos.
- Cardioversión sincronizada.
- Marcapasos no invasivo (opcional).
- Algoritmo DEA universal para pacientes adultos y pediátricos.
- Pulsioximetría con tecnología Masimo SET (opcional).
- Chequeo diario para asegurar la disponibilidad del equipo.
- Ayuda a la RCP según protocolos internacionales (Guías 2010 (ERC/AHA) configuradas desde fábrica).
- Conexión a USB (2 puertos USB).
- Dos tipos de baterías: No recargable y recargable.
- Robusto y compacto para un uso fácil en cualquier entorno.
- Uso amigable y muy intuitivo.

CARACTÉRISTIQUES

- Défibrillateur Manuel et DEA avec Technologie bi-phasique jusqu'à 360 Joules.
- Équipement léger avec des capacités de monitoring (IEC 60601-2-27).
- Grand écran couleur 5,7".
- Câble de patient à 3 brins.
- Cardioversion synchronisée.
- Stimulateur cardiaque non invasive (optionel).
- Algorithme DEA universel pour patients adultes et pédiatriques.
- Pulsioximétrie Masimo SET technologie (optionelle).
- Autotest automatique quotidien assurant la disponibilité continue de l'appareil.
- Assistance RCP suivant protocoles internationaux (2010 Guidelines (ERC/AHA) factory set).
- Connexion USB (2 ports USB).
- Deux types de batteries: Non rechargeable et rechargeable.
- Robuste et compact à l'usage dans toutes sortes d'ambiances.
- Amicale et d'utilisation intuitive.



01 USB connection (2 USB ports: for connecting a USB memory Stick and a PC).

Conexión USB (2 puertos USB: para conexión a USB memory Stick y a PC).

Connexion USB (2 ports USB: pour connexion à USB memory Stick et au PC).



02 Status indicator. Always visible, even with the equipment switched off and without any supply.

Indicador de estado. Siempre visible, incluso con el equipo apagado y sin alimentación.

Indicateur d'état. Toujours visible, même avec l'appareil éteint et sans alimentation.



03 Ambulance bracket EN 1789:2007 certified. Soporte para Ambulancia certificado EN 1789:2007. Support pour Ambulance certifié EN 1789:2007.



04 3-lead patient cable. Cable de paciente de 3 latiguillos. Câble de patient à 3 brins.



05 Large Colour display (5,7") organised by functional areas. Amplia pantalla (5,7") organizada por zonas funcionales. Grand écran couleur (5,7") organisé par zones fonctionnelles.



06 CPR assistance with feed-back. Asistencia a la RCP con feed-back. Assistance à la RCP avec feed-back.



ACCESSORIES

- Carrying case.
- Ambulance bracket (EN 1789:2007 certified).
- 3-leadwire patient cable.
- Adult multifunction electrodes.
- Paediatrics multifunction electrodes.
- Masimo SET SpO2 probes.
- REANIBEX Data Manager: PC Software Application for managing the information recorded by the device.
- Rechargeable battery.
- Non rechargeable battery.


ACCESORIOS

- Bolsa de transporte.
- Soporte para Ambulancia (certificado EN 1789:2007).
- Cable de paciente de 3 latiguillos.
- Electrodo multifunción para adultos.
- Electrodo multifunción pediátricos.
- Transductores de SpO2 Masimo SET.
- REANIBEX Data Manager: Aplicación PC para gestión de todos los datos registrados por el equipo.
- Batería recargable.
- Batería no recargable.


ACCESSOIRES

- Sacoche de transport.
- Support pour Ambulance (certifié EN 1789:2007).
- Câble de patient à 3 brins.
- Électrodes multifonction pour adultes.
- Électrodes multifonction pédiatriques.
- Transducteur Pulsioximétrie Masimo SET.
- REANIBEX Data Manager: Logiciel PC pour la gestion de toutes les données enregistrées par l'appareil.
- Batterie rechargeable.
- Batterie non rechargeable.

OPTIONS

- 01** Non-invasive Pacing.
- 02** Pulse Oximetry. 

OPCIONES

- 01** Marcapasos no invasivo.
- 02** Pulsioximetría. 

OPTIONS

- 01** Stimulateur cardiaque non invasive.
- 02** Pulsioximétrie. 

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 adapted to the patient's impedance
Output energy	From 150 to 360 Joules for adult patients From 40 to 90 Joules for paediatric 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 indicator, battery indicator, synchronisation mode, CPR assistance with feedback
Available energy indicators	Charging tone, available energy tone, flashing discharge button, indication of energy level on the screen

MANUAL MODE

Energy selection	Manually
Synchronized cardioversion	Yes

AED MODE

Shockable rhythms	Ventricular fibrillations and rapid ventricular tachycardia
Specificity and sensitivity of the detection algorithm	Fulfils AHA requirements

ECG MONITOR

Inputs	3- lead patient cable: Lead I, Lead II or Lead III
Sensitivity	The ECG signal can be obtained through disposable multifunction electrodes x1, x2, x4, x0.25, x0.5, Autogain
Heart rate	From 15 to 300 ($\pm 10\%$ of accuracy)
Common mode rejection	More than 90 dBs (according to IEC 60601-2-27)
Frequency Response	On screen: 0.67 – 40 Hz / 1 – 30 Hz

SCREEN

Size	5.7" (diagonal)
Type	TFT colour
Resolution	480 x 640 pixels
Sweep rate	25 mm/s for the ECG signal and SpO ₂
Display time	4 seconds of ECG signal

PACEMAKER

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

SpO2 PULSE OXIMETRY

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

DATA STORAGE

Internal memory	Stores the continuous ECG signal along with all the events and the audio (optional and only in AED mode). Up to 4GB
USB connectors	For PC and for USB Memory Stick connection

BATTERY

Type	Rechargeable Li-Ion battery and non-rechargeable Li-SO2 battery
Battery indicators	Battery status indication on the screen, low battery and no battery indication on the status indicator
Capacity	Rechargeable battery: More than 270 discharges at 360 J with a new fully charged battery Non-rechargeable battery: More than 200 discharges at 360 J 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	EN 1789:2007
Resistance to solids/water	IPX5. Water test performed with cables connected to the equipment
EMC	Complies with IEC 60601-1-2:2007