

# BIPHASIC DEFIBRILLATOR MONITOR

# Vivo

## LAUNCH

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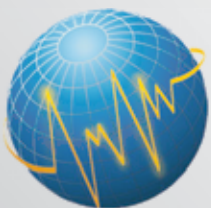
**cmos drake**  
Technology that saves lives

## THE WORLD'S BEST PERFORMANCE AND MOST COMPACT DEFIBRILLATOR

The BIPHASIC DEFIBRILLATOR MONITOR VIVO uses a lightweight and portable biphasic wave technology, with a high impact and electrically insulated chamber.

It has a high resolution color screen, for cardiac monitoring and pre and post shock programming parameters, indicating the actual energy stored to be delivered.

It is equipped with a built-in carry handle that enables handling it in an isolated manner, regardless of the storage bag.



**Felix Brazil**  
INTERNATIONAL CONSULTING, IMPORT & EXPORT

## THE ONLY DEFIBRILLATOR WITH A FLIP DOWN DISPLAY IN THE WORLD

Exclusive representative Cmos drake  
throughout the international market

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# BIPHASIC DEFIBRILLATOR MONITOR

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### IT PRESENTS OPTIONALS OF

- Thermal printer on the manual and automatic modes, high resolution with registration on the occurrence of each triggering.
- Pulse oximetry with indicator of the spo2 value and programmable alarms for maximum and minimum.
- External transthoracic pacemaker, non-invasive, multi-programmable, microprocessor, that generates simulation pulses with enough pulse amplitude and width to accomplish a successful non-invasive transient stimulation. Asynchronous and demand operation modes.
- Non-invasive Blood Pressure.
- AED mode that automatically analyzes cardiac arrhythmias and patient ECG indicating, with text and voice command, whether or not a shock is needed.
- Capnography that uses Sidestream and Mainstream type sensors.
- Protection against defibrillator discharge, self-test, switching to emergency mode and override mode (optional).
- Software for drug calculation.
- Software for intubation/ventilation mode.



### CHARACTERISTICS

- High-definition color display with adjustable contrast.
- Defibrillation 100-200 joules and operation instructions on the display panel.
- Optional: 360Joules
- Indication of paddle contact
- Automatic configuration for triggering at 150/200/200Joules, or other setting as requested.
- Browser button for quick access to the menu
- Truncated exponential biphasic waveform.
- Adaptable to any patient, with an intelligent security system that limits the charge/ load for internal use and for children
- Analysis of the patient thoracic impedance, increasing the defibrillation effectiveness and reducing the risk of heart damage
- It reaches full- charge in less than 5 seconds
- Triggering system of really high precision reliability and security with delay time of less than 100mm/sec
- Internal automatic discharge in within 2 minutes if there isn't triggering or by the key (manually)
- Timer clock (seconds counter)
- Use of reusable electrodes (adult/pediatric/neonatal permanent paddles), which requires simultaneous activation of two controls, one in each blade
- It performs a periodical self-test.
- Battery status for various load levels, charging and fully loaded.
- It provides, through connection, communication with microcomputer to display memory data (optional)
- Language: Portuguese, English, Spanish (possibility to change language through software)
- Alarm for maximum and minimum values, loose electrode and asystole
- Memory for events filing
- Synchronized shooting with the R wave (synchronized mode)
- Automatic interpretation of the patient ECG
- AED mode with voice and text command
- Height: 9in, Length: 10in, Width: 9in, Inches: 7in, Weight: 14,3lbs
- Indication of delivered energy

### ECG FEATURES

- All derivations.
- Capture of the ECG signal by the reusable or disposable electrodes or by transthoracic adhesives electrodes of the pacemaker, or by their own paddles
- Protection against defibrillation.
- Numerical indication of heart rate on the display.
- QRS detector.
- Detection and rejection of pacemaker.
- Very high sensitivity to the R wave capture.
- It monitors the paddles impedance.
- **Power Supply:** Automatic 110/220 (full range optional) / 60HZ or directly from the ambulance battery (12Vdc) / Manageable rechargeable internal battery. Optional: Lithium / Interchangeable and it can be replaced by the user, charging and alarm indicators, internal protection fuse
- **Equipment Accessories:** Professional 3 lead power cord / 01 set of adult reusable electrode (paddles – interchangeable adult/pediatric) / 01 set of 3/5 lead patient cable / 01 conductive gel / 01 transportation bag / User manual and warranty certificate, and more accessories for the perfect performance of the equipment
- **Optional Accessories:** 01 set of adult reusable electrode (paddles – interchangeable adult/pediatric) / Disposable pacemaker transthoracic electrodes / Adult/pediatric/neonatal oximetry sensor / Capnography kit / Cuff and hose for NIBP measuring / Fuses / ECG paper / External rechargeable battery with capacity of 2 to 15 hours of monitoring (or 50 to 200 consecutive shocks respectively with its own charger).

Technical specifications are subject to change without previous notice.

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