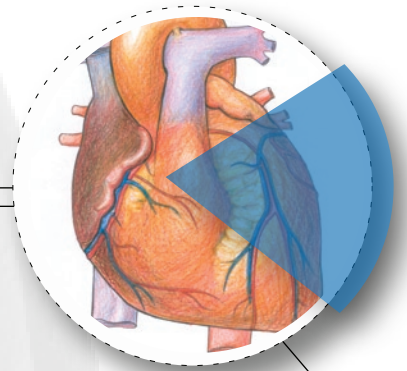




DESFIBRILLATOR C12 SERIES



The **C-12** defibrillator/monitor has been designed to provide years of reliable operation in the most demanding emergency conditions; either inside or outside the hospital. It combines all the features you expect from a defibrillator at no extra cost.

- Portable
- Configurable
- Easy 3 step operation
- Battery or AC operation
- Short energy charging time
- Energy discharge test function
- Summary Capability

Summary Capability.

The **C-12** automatically saves all important device information to provide a complete printed record after the event. Up to 50 events and 20 defibrillation reports including pre-shock and post-shock ECG traces are stored in memory for later reviews.

Simple and Reliable.

We understand that equipment operation is critical in emergency situations. Consequently, every aspect of the **C-12** is reliable and easy to use. Simple 1-2-3 operation, straight forward controls and a user friendly display make operation simple and reduce staff training requirements.



Versatile Power.

This high-speed unit operates on both, line and battery power. It charges from 0 to 360 Joules in less than 6 seconds. Besides, it offers up to 60 full energy shocks or 6 monitoring hours. An internal charger maintains optimal battery performance and operates the unit regardless of battery condition.



Configurable and Flexible.

Its innovative design allows different configurations so you can easily meet your unit needs. With a complete range of accessories, including a carrying case, various sized internal paddles and pediatric paddle adapters are available.

TECHNICAL SPECIFICATIONS

CONFIGURATION TABLE

ECG MONITOR



DESFIBRILLATOR



RECORDER



SpO2 MONITOR



ECG

Isolated ECG via defibrillator paddles or 3-lead patient cable.

Lead Selection: I, II, III, Paddles.

Display speed: 25 / 50 mm/sec.

Leakage current: <10 µA.

Common Mode Rejection: 80 dB.

Frequency Response: ECG Leads: 0,5 - 40 Hz

Paddles: 2 - 40 Hz.

Notch Filter: 50Hz.

ECG Size: 0,5 - 1 - 2 cm/mV

Heart Rate: Three-digits display rates from 10 to 300 bpm.

Heart Rate alarms: User-selectable alarm limits.

DESFIBRILLATOR

Defibrillator waveform: 5-millisecond monophasic pulse.

Energy select:

- External paddles: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 20, 30, 50, 75, 100, 200, 300, 360 Joules.

- Internal paddles: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 20, 30, 50 Joules.

Charge Time: 360 Joules in less than 6 seconds with a fully charged battery.

Charge controls: Independent momentary button controls on front panel and APEX paddle.

Discharge Controls: momentary pushbuttons on both external paddles and on front panel (enabled only with internal paddles).

Synchronized Cardioversion: Synchronizes defibrillator pulse to patient-generated QRS complex.

Internal safety discharge:

- When accumulated energy is not delivered within 40 seconds.

- When the unit is turned off or low battery conditions.

- When external paddles are disconnected or technical failure occurs.

Defibrillator Test: Functional test of controls and 50 Ω load delivered energy.

Standard Defibrillation Paddles with recorder, charge and shock controls.

SpO2

Spectrophotometric Oxygen saturation measurement.

Three-digit display rates from 0 to 100%, alarm limits and heart rate.

Accuracy:

±2% between 70% y 100%.

±3% between 50% y 69%.

SpO2 alarms: User-selectable alarm limits.

THERMAL ARRAY PRINTER

Thermal array print head: 600 dpi.

Speed: 25 y 50 mm/Sec.

Paper: 50mm x 30m roll, grid or plain.

Frequency response:

ECG Leads: 0,5 - 40 Hz

Paddles: 2 - 40 Hz.

Printout of:

- Real timer ECG trace.
- Freeze mode ECG trace.
- Events Summary.
- Defibrillation Reports.
- Defibrillator Test.

POWER OPTIONS

AC Input: 100-240 VAC 50/60 Hz 3,6 A.

DC Input: 12 - 15 VDC 10 A.

Internal Battery: Sealed-acid, 12 VDC / 4 A-hr.

Battery capacity: 6 hours of monitoring or 60 defibrillation discharges of 360 joules.

Battery charge time: 24 hours to 100%, 6 hours to 70%.

Low Battery Indicator: advises operator to connect AC power.

GENERAL SPECIFICATIONS

Size: 370 x 160 x 460 mm (width x height x depth)

Weight: < 9,6 Kg (depending on configuration)

Monitor Screen: LCD, monochrome, non-fade, 120 x 90 mm.

Operating temperature range: 10 °C a 45°C.

Storage temperature range: -10 °C a 50 °C.

Relative humidity: 5 - 90% (non-condensing).

STANDARD ACCESORIES

- AC power cord
- DC power cord
- Defibrillation paddles, external, adult
- Patient ECG cable
- SpO2 extension (depending on configuration)
- SpO2 sensor, finger, adult (depending on configuration)
- Operating instructions

OPTIONAL ACCESORIES

- Defibrillation paddles, internal, adult
- Defibrillation paddles, internal, pediatric
- Pediatric adapters for external paddles
- SpO2 sensor, "Y" universal
- Carrying case



Conforms to Standards IEC60601-1, IRAM 4220-1

ANMAT Certification N° PM 1400-1

Manufactured by E&M Electromedicina

Specifications subject to change without prior notice.