

CardioServ

Defibrillator/Monitor

With the defibrillators of the CardioServ family you're in control of all critical care situations. This generation of CardioServ units was developed in close consultation with your colleagues to give you more reliability and greater control in any situation.

The monitor with its high-resolution LCD display can be rotated by up to 180°, allowing you to keep an eye on your patient wherever you are: on the ward, in the operating theatre, intensive care or emergency admissions. All the important critical event data are recorded automatically and archived in the memory for recall when required, e.g. for a printout. Just one gesture is all it takes to start the 3-step operating procedure quickly and easily. The clearly identifiable, colour-coded steps exclude virtually all operating error and win you precious time.

In the 'Autosequence' mode, normal adult energy levels (pre-configured) are selected automatically in succession without any need to increase the energy level, leaving you free to concentrate entirely on the patient. The unit's compact design and low weight (only 8 kg, including mains adaptor, battery and paddles) plus optional SpO₂ and/or external pacemaker means you have all the essential equipment you need at hand in the clinic and in pre-hospital use, now and in the future.

No experiments – this fundamental principle applies to our full range of accessories for all conceivable uses. For we know very well that the strengths of a product range are often judged by its accessories.

Apart from contact spoons for internal defibrillation and various electrodes for external defibrillation, a separate fast battery charging and servicing unit is also available – all in superb GE Healthcare quality.

For monitoring the SpO₂ level you have a choice of a range of sensors for newborns right through to adults. For pre-hospital use we offer a vehicle mounting unit which securely holds the defibrillator in place should the car overturn, a special 12-Volt connection facility, as well as a rugged, roomy carrying bag.

With CardioServ accessories you can be sure of being on the safe side!



General	
Dimensions	432mm (W) x 172mm (H) x 377mm (D) Weight with batteries approx. 8kg
Power supply	<ul style="list-style-type: none"> • battery and mains • operates with 12V d.c
Ambient conditions for storage and transport	
Temperature	-20° to +60° C
Relative air humidity	10% to 95%
Monitor	
Display	LCD display, 2-channel backlit
Resolution	115mm x 86mm (320 x 240 pixels)
Format	<ul style="list-style-type: none"> • erase bar, at 25mm/sec • Monitor can be tilted by up to 180°
Insertion	Alphanumeric insertion of alarms, settings and texts
Memory	
	<ul style="list-style-type: none"> • Archiving of 40 x 16 second ECGs triggered by defibrillation or alarm, each with 4 second pre-history and complete data block • Archiving of the last 80 events with date and time
Defibrillator	
External and internal defibrillation	Synchronous and asynchronous
Form of shock	Monophasic, attenuated sine half-wave
Energy levels	2, 5, 7, 10, 20, 30, 50, 100, 150, 200, 300, 360 Joule, Autosequence
Energy selection	Rotating knob on unit
Typical charging time to 360J	8 seconds
Defibrillation	Via paddles or combined defibrillation/pacemaker electrodes
ECG derivation	Via 3-lead (I, II, III) and 5-lead (I, II, III, aVL, aVR, aVF, V) ECG cable or via combined defibrillation/pacemaker electrodes
Analogue output	One Volt
Printer	50 mm thermo-printer with 2 registration channels and 25mm/sec feed rate
External pacemaker	
Operating modes	Demand and fix
Pulse frequency	30 to 180P/min
Pulsed current	0 to 200 mA
Pulse width	40 ms; 20 ms from 150 P/min
Pulse form	Monophasic rectangular pulse
SpO ₂	
Saturation display	in 1% intervals from 0% to 100%
Format	Plethysmogram (curve format)
Signal quality	C-Lock ECG synchronization
Certification	
	CE marking indicating compliance with the Medical Device Directive 93/42/EEC

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GE imagination at work

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