CLINICAL DEFIBRILLATOR

DefiMax biphasic

Clinical defibrillator designed for a professional use.

The basic configuration of the device allows a manual defibrillation, cardioversion and ECG measurement. It can be also equipped with additional modules: pulse oximetry (SpO2), non-invasive blood pressure (NIBP) and with an option of transcutaneous pacemaker and AED mode.

The large, 6.5-inch high-brightness colour screen provides legible information about defibrillation and stimulation, as well as about measured patient's parameters.

Due to a wide range of available defibrillation energies (from 1 to 300 J) and integrated accessories, the defibrillator can be used for pediatric and adult patients.

EUROPEAN PRODUCT
SOLD AROUND THE WORLD

Over 25 years of experience, thousands of patient monitors and defibrillators sold in Europe, Asia, Australia, Africa and South America.

EUROPEAN QUALITY   **EASY TO USE**   **RELIABLE**

DefiMax biphasic

TECHNICAL PARAMETERS

GENERAL PARAMETERS

Power supply	100 - 240 VAC 50/60 Hz
Internal battery	12 VDC
Safety class	I, CF, BF
Safety requirements	MDD: 93/42/EEC, 2007/47/EC; EN 60601-1, EN 60601-1-2, EN 60601-2-4
Weight	6.0 kg without paddles
Dimensions	298 x 312 x 260 mm

MODES

Manual mode
Cardioversion mode
AED mode
Monitoring mode
Pacer mode
Service mode

DISPLAY

Display type	6.5" LCD TFT colour
Resolution	640 x 480 pixels
Digital values and waves displayed	

THERMAL RECORDER

Paper width	57 mm
Mode	auto and manual
Number of channels	3
Sweep speed	25 and 50 mm/s
Printout length	15 s

MONITOR MODULE

Number of channels	4
Sweep speed	3.125 to 50 mm/s
Trends	min. 6 h
Archive	min. 6 h
Events archive	min. 500
Alarms for all parameters	

DEFIBRILLATOR MODULE

Manual and cardioversion mode

Electrodes type	disposable and reusable adult and pediatric
Impulse type	biphasic with patient's impedance compensation
Energy range	1 to 300 J
Charging time	< 10 s for 300 J

AED mode (option)

Electrodes type	disposable
Impulse type	biphasic with patient's impedance compensation

Advanced help system
during defibrillation

ECG MODULE

Leads	I, II, III, aVR, aVL, aVF, Vn; (ECG 12 option)
CMRR ratio	> 100 dB
Filter	diagnostic, monitoring, transport
Sensitivity	2.5 - 20 mm/mV
HR range	15 - 300 bpm
QRS signaling	acoustic and optical
Input protected against defibrillator and high frequency disturbance	

PACER MODULE (option)

Impulse shape	monophasic
Mode	on demand and fixed-rate
Output current	0 to 200 mA
Pacing rate	30 to 180 1/min
Impulse width	5 to 40 ms

SpO2 MODULE Nellcor OxiMax™ (option)

Measurement range	0 - 100%
Accuracy 70% - 100%	2 digits
Accuracy 60% - 80%	3 digits
Pulse rate	20 - 300 bpm
Acoustic signaling of saturation	
Motion and low perfusion tolerant	
Plethysmographic wave displayed	

NIBP MODULE (option)

Measurement range of transducer	10 - 300 mmHg
Measurement mode	manual, auto or STAT
Auto-mode repetition time	1 - 480 min