

# PORTABLE DEFIBRILLATOR

## DefiMax mobile



### High quality portable defibrillator intended to use in hospitals and in a medical transportation.

Manual defibrillation, a cardioversion mode and an ECG module are available in every defibrillator. AED mode is an optional feature.

Biphasic defibrillation impulse and a wide range of available energies ensure safety and efficiency for adult and pediatric patients.

The defibrillator is equipped with a 5.7" colour display for presenting vital signs of a patient like ECG, pulse oximetry SpO<sub>2</sub> (option), non-invasive blood pressure NIBP (option). DefiMax mobile stores information about the defibrillations and monitoring in a form of events, waveforms and trends.

**EUROPEAN PRODUCT  
SOLD AROUND THE WORLD**

Over 30 years of experience, thousands of patient monitors and defibrillators sold in Europe, Asia, Australia, Africa and South America.



EUROPEAN QUALITY



EASY TO USE



RELIABLE

## TECHNICAL PARAMETERS

### GENERAL PARAMETERS

|                     |  |
|---------------------|--|
| Power supply        | 110/230 VAC $\pm$ 10% 50/60 Hz   |
| Internal battery    | 12 VDC   |
| Safety class        | II, CF, BF   |
| Safety requirements | MDD: 93/42/EEC, 2007/47/EC;<br>EN 60601-1, EN 60601-1-2,<br>EN 60601-2-4 |

### MODES

Manual mode  
Cardioversion mode  
AED mode  
Monitoring mode  
Service mode

### DISPLAY

|                                    |                     |
|------------------------------------|---------------------|
| Display type                       | 5.7" LCD TFT colour |
| Resolution                         | 640 x 480 pixels    |
| Digital values and waves displayed |                     |

### 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<br>adult and pediatric                 |
| Impulse type    | biphasic with patient's<br>impedance compensation |
| Energy range    | 1 to 300 J  |
| Charging time   | <10 s for 300 J                                   |

#### AED mode (option)

|   |   |
|---|---|
| Electrodes type                               | disposable<br>adult and pediatric                 |
| Impulse type                                  | biphasic with patient's<br>impedance compensation |
| Advanced help system<br>during defibrillation |   |

### ECG MODULE

|   |                                   |
|---|-----------------------------------|
| Leads   | I, II, III, aVR, aVL, aVF, Vn     |
| CMRR ratio  | > 100 dB                          |
| Filters   | diagnostic, monitoring, transport |
| Sensitivity   | 0.25 - 4                          |
| HR range  | 15 - 300 1/min                    |
| QRS signaling   | acoustic and optical              |
| Input protected against defibrillator<br>and high frequency interferences |                                   |

### SpO<sub>2</sub> 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          |

