



# DM 230

## Biphasic Defibrillator



### Key Features

- BTE (Biphasic Truncated Exponential) discharge type
- Impedance compensated energy delivery
- Energy selection from 3 to 230 Joules directly from the front panel
- Charge time 5 sec for 230 Joules with fully charged battery
- 100 shocks of 230 Joules with fully charged batteries
- Charge/ discharge control from the paddles
- ECG 'R' wave synchro mode or async mode
  - Can be used with disposable paddles (optional)
  - ECG through the paddles or through patient cable
    - Large (5.7") high resolution backlit LCD display (320x240 dots)
    - SpO<sub>2</sub> Sensor compatible with NONIN



# DM 230

## Biphasic Defibrillator

### DISPLAY

Large (5.7") high resolution backlit LCD display (320x240 dots)  
ECG through the discharge paddles (1 trace) or through 4 leads patient cable (6traces): I, II, III, aVR, aVL, aVF, SpO<sub>2</sub> trace and values  
Automatic change over when plugging the patient cable  
Filters: 50Hz / 60 Hz, base line, low pass  
Heart rate indicator

### PULSE OXIMETRY (SpO<sub>2</sub>)

Oxygen saturation range : 0 to 100%  
Pulse rate range : 18 to 300 pulses per minute  
Accuracy SpO<sub>2</sub> : 70-100% ± 2 digits for adults using the Finger clip Sensor

### NON-INVASIVE PACEMAKER

Rectangular Wave  
Pulse Time : 22mS  
Pulse Current : MAX 150 mA  
Pulse Voltage : MAX 150 V

### Operation Modes

Fixed  
On Demand

### PRINTER

Integrated thermal printer for ECG traces and events documentation  
hardcopy including SpO<sub>2</sub> level in %  
Paper speed : 5, 10, 25, mm/sec  
Paper width : 58 mm

### SAFETY FEATURES

Two hand safety shock release  
ECG input isolation CF class  
Internal discharge after 30 sec. of standby after charge

### POWER SUPPLY

Internal Ni-Cd high capacity batteries with fast charge time  
Charging time (95%) : 2 hours  
Mains adapter charger : 100-230 VAC, ± 10% 50/60 Hz

### OPERATING CONDITIONS

Operating temperature : 0 to 55° C  
Storage temperature : -20 to 65° C  
Relative air humidity : 15 to 80%  
Splash proof : IPX4

### DIMENSIONS

Size : 340 x 260 x 130 mm  
Weight : 5.5 Kg

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