



Model DM 360

Biphasic Monitor Defibrillator
ECG + SPO₂ (Optional) + Pacemaker (Optional) + Defibrillator



Key Features

- Biphasic Monitor Defibrillator with a new generation of clean, elegant and intuitive interface
- Modern robust & intelligent design, ideal for emergency cases
- Lightweight- only 5.5kg (with battery & paddles); small & compact, with handle designed for ease of transportation
- Fast & easy battery changing without need opening the equipment
- Fast, Super-Quick: energy available in 6 seconds
- Active matrix color display for clear visualization of all information & waveforms
- Easy operation- 1,2,3 pattern
- All operations concentrated in two buttons - selection of operation mode & “e-Jog”
- Biphasic shock up to 360 joules.
- Memory: last 2, 5 hours of ECG monitoring (continuous) + events, drug administration, alarms, fails & shocks (2 Mb)
- Options for ECG & SpO₂, internal defibrillation, external pacemaker, cardioversion & Recorder



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TECHNICAL SPECIFICATIONS

ECG

Sensitivity: 5, 10, 15, 20, 30 & 40mm/mV.
 ECG cable: 3 or 5 wires.
 Measurement range: 15 to 250 BPM.
 Accuracy: ± 1 BPM from 30 to 250 BPM.
 Defibrillator discharge protection: < 5 sec according to IEC601-2-27
 Alarm: Adjustable between 15 & 250 BPM.
 Derivations: DI, DII, DIII, aVR, aVL, aVF, C.
 Filter: 60Hz, for the electric power interference
 Digital filter for the base line stabilization

SpO₂

Measurement range: 0 to 100%
 Accuracy: ± 2% from 70 - 100%
 ± 3% from 50 - 69%
 Alarm: Adjustable between 50 & 100%
 Pulse Range: 30 to 250 BPM
 Accuracy: ± 2 BPM from 30 - 250 BPM

CARDIOVERSION

Maximum charge time < 10 s

Pediatric/Internal defibrillation scales: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 20, 30, 40 & 50 Joules

Adult/ External defibrillation scales: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 20, 30, 50, 80, 100, 150, 200, 250, 300 & 360 Joules

Waveform: Biphasic truncated exponential

PACEMAKER (Optional)

Type: Demand and Asynchronous
 Current: 5 to 200 mA
 PPM: 30 to 180 PPM
 Pulse: 20 ms

OPERATING CONDITIONS:

Operating Temperature: 0 - 50° C
 Storage Temperature: 0 - 70° C

Operating Humidity: 10 - 95% RH, without condensation
 Storage Humidity: 10 - 100% RH, without condensation

Electromagnetic compatibility: Irradiated and conducted, CISPR11

DIMENSIONS

Width: 30 cms
 Height: 23 cms
 Depth: 21 cms
 Weight: 5.5 Kg (including recorder, battery and paddles)

STANDARDS

IEC 60601-2-4 /2002,
 NBR IEC 60601-1/1997,
 NBR IEC 60601-1/1994,
 NBR IEC 60601-2/1997
 NBR IEC 60601-2-27/1997,
 NBR IEC 60601-49.

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