

PRIMEDIC™ Defi-Monitor

DM 3

with NELLCOR®-Pulseoximetry



Special features:

- modular design
- ECG monitor tiltable $\pm 30^\circ$
- large EL-Display with high contrast
- optimal observability from view angles up to 170°
- clear structured control panels
- slim housing, easy to carry in narrow door-frames and stairwells
- practical design of housing: protected connectors and paddle cables
- extremely robust casing of highly shock-resistant plastic material
- internal components beared in shock-absorbing foam
- 5 seconds charging time up to 360 Joules
- ECG storage of the last 10 shocks
- charger station available as accessory, with convenient on hand lock and vehicle mounting option
- extremely good cost - performance ratio

	ECO 1	DM 1	DM 3	DM 10	DM 30	DM 10-12	DM 30-12
3-lead-ECG (I, II, III)	•						
6-lead-ECG (I,II, III, aVR, avL, aVF)		•	•	•	•		
12-lead-ECG (I,II,III, aVR, aVL, AvF, V1-V6)						•	•
1-lead-printer, speed 25 mm/sec.	•						
1 / 3-lead-printer, speed 25 or 50 mm/sec.		•	•	•	•	•	•
12-lead-printer (real time)						•	•
NELLCOR®-Pulseoximetrie integrated			•		•		•
PRIMEDIC™-module slot				•	•	•	•
enlarged operating panel for pacer				•	•	•	•

• = supplied with model

PRIMEDIC™ Defi-Monitor

DM 3

ECG:

3/6-lead ECG
switchable filters 50/60 Hz
amplification of ECG 0.5/0.8/1/1.5/2 cm/mV
input impedance > 50 MΩ
CMRR > 90 dB
heartrate alarm adjustable 30 ... 300 1/min
heartrate 0 ... 300 1/min

Monitor:

high contrast EL-monitor, optimal observable from view angles up to 170 °
resolution 320 x 240 Pixel
pixel size 0.36 x 0.36 mm
monitor size 115 x 86 mm
diagonal size 143 mm / 5.6 "
monitoring time from battery appr. 2 h

Printer:

Thermal printer head
1/3-lead printing
paper size 58 mm
printing speed 25 or 50 mm/sec.
resolution 8 bits (≈ 200 dpi)

SpO₂:

NELLCOR®-Pulseoximetry
0 ... 100 %
70 ... 100 % ± 2 digits
adjustable alarm levels 70 - 100%
display of pulse curve and SpO₂ value in %
any type of NELLCOR® sensor can be used

Defibrillation:

Waveform monophasic, damped sinusoidal
operating modes synchronous / asynchronous
external defibrillation via paddles
Paddle with integrated paediatric paddle
energy levels 2/5/7/10/20/30/50/
100/200/300/360 Joules (50 Ω)
discharges 60 with 360 Joules
charging time 5 sec. for 360 Joules

Power supply:

exchangeable NiCd battery 14.4 V / 1.5 Ah
charging time for 100% charged battery < 1 h
battery charging with optional charger or Accu-Care module

General:

size 42 x 42 x 12 cm (W x H x D)
weight 8,5 kg
supply voltage 115 V 50/60 Hz or
230 V 50/60 Hz or
12/24 VDC on vehicles



Supply with Defi-Monitor DM 3:

- 1 PRIMEDIC™ Accu
- 1 EKG-patient cable, 4-pole with neutral electrode (3+N)
- 30 ECG-electrodes Ag/AgCl Ø 55mm
- 1 SpO₂ finger sensor DS-100 A (NELLCOR®)
- 1 SpO₂ patient cable (2.4 m)
- 1 printer paper, 58 mm, 25 m
- 1 electrode gel, 60 g
- 1 user manual

Technical modifications without notice.



Original-printout 1-lead, printer speed 25 mm with pulse curve