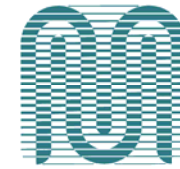




PRIMEDIC™
Saves Life. Everywhere.



METRAX
GmbH

Professional
Defibrillator



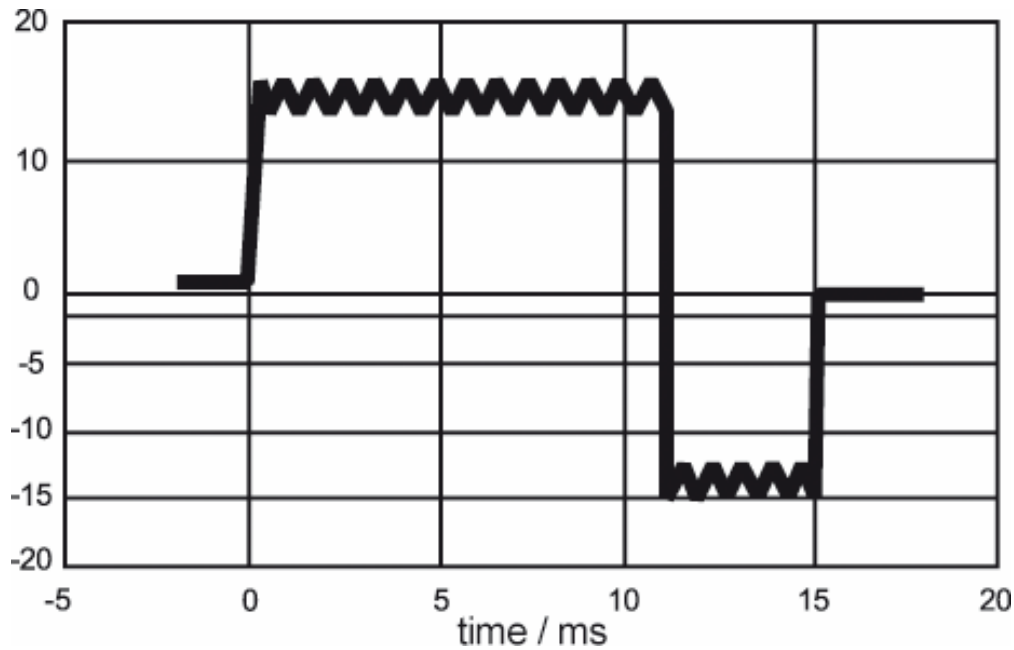
DefiMonitor XD

DefiMonitor XD

- gentle
- smart
- compact
- modular
- robust



PRIMEDIC™ DefiMonitor XD Biphasic Defibrillation Technology



rectilinear biphasic
waveform with

Current
Controlled
Defibrillation



PRIMEDIC™ DefiMonitor XD Biphasic Defibrillation Technology

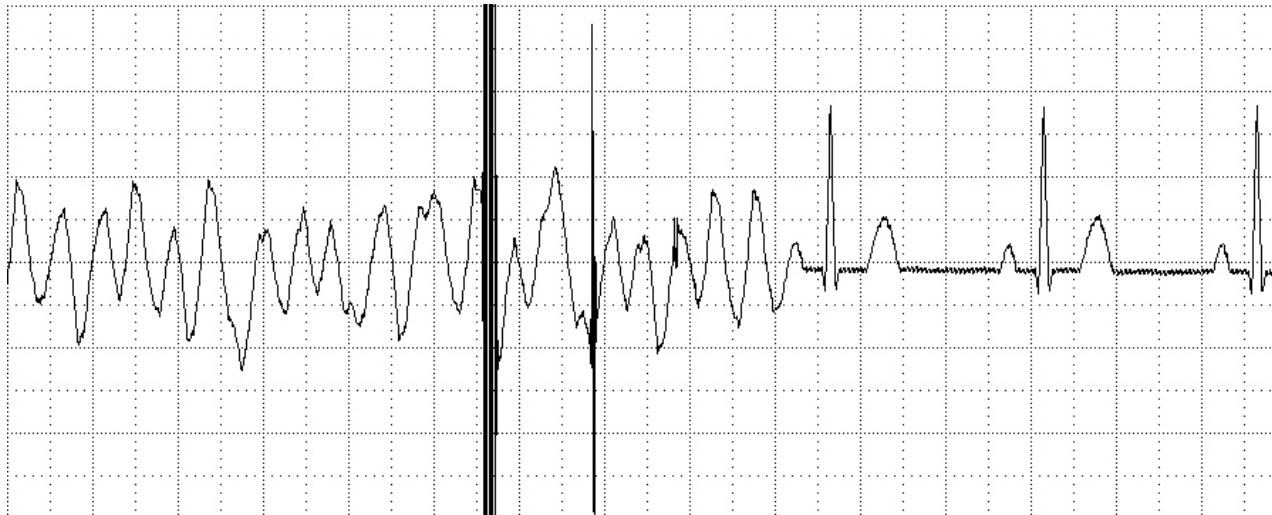
- defibrillation mode: - synchronous/ asynchronous
- manual/ automatic
- energy range automatic: 140 – 360 Joules
- energy range manual: 5 – 360 Joules
- charging time: < 6 sec for 200 Joule
- patient impedance: 20 – 200 Ohms



PRIMEDIC™ DefiMonitor XD

VF-/ VT-detection

- Analysis time: 7 – 12 sec
- VF-threshold: 0,2 mV
- Asystoly-threshold: 0,2 mV
- Detection of artefacts and pacemaker spikes



PRIMEDIC™ DefiMonitor XD paddles with paediatric electrodes

quick & easy



PRIMEDIC™ DefiMonitor XD Monitor

- Type: TFT, LC-Display „Blue-Mode“
- Dimension: 115 x 86 mm
- Diagonal: 5,7 ″ (144 mm)
- High resolution: 320 x 240 pixel
- Speed: 25 mm/ sec



PRIMEDIC™ DefiMonitor XD Electrocardiogramm (ECG)

- 6-channel ECG
(I, II, III, aVR, aVF, aVL)
- heart rate: 30 – 300/ min
- alarm limits: 30 – 300/ min



PRIMEDIC™ DefiMonitor XD External Pacer

- transthoracal pacemaker
- operation mode:
 - Fix, Demand, Overdrive
- pacing frequencies:
 - Fix, Demand: 30...180 1/ min
 - Overdrive: 30...250 1/ min
- impuls form:
rectlinear, 20 msec



PRIMEDIC™ DefiMonitor XD Pulsoxymetry

- High-Quality modul:
Nellcor® -Pulsoxymetry
- Indication area: 100...0%
- Calibration area: 100...50%



PRIMEDIC™ DefiMonitor XD Printer

- Thermo-Printer
- Resolution: 200 dpi
- Speed: 25/ 50 mm/ sec
- Modes:
 - Auto-Mode
 - Online-Mode
 - Memo-Mode



PRIMEDIC™ DefiMonitor XD Power supply



- AkuPak, Type NiCd
- Discharges: 60 (with 360 J)
- Monitoring: 6 h
- Charging time:
 - 3 h external
 - 1 h internal
- internal power supply



PRIMEDIC™ DefiMonitor XD Datamanagement

- removeable
Compact-Flash Card (Type II)
- Storage: 32 – 128 MB
- 1 – 5,4 h with voice recording or
- 6 – 48 h without voice recording

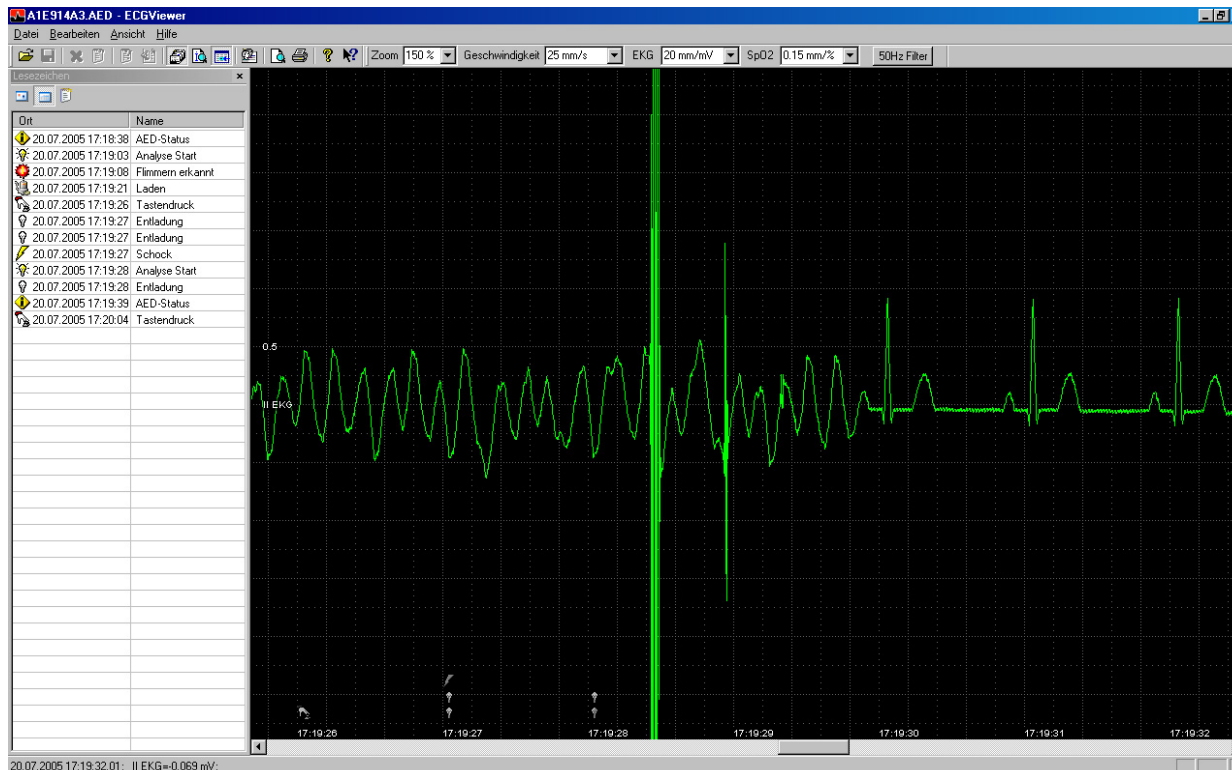




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PRIMEDIC™ DefiMonitor XD Analysis-Software: ECG-Viewer

- comfortable analysis with free viewer-software
- allows complete evaluation of emergencies data



PRIMEDIC™ DefiMonitor XD

Dimensions

- Height x Width x Depth:
approx. 26 x 35 x 17 cm
- Weight:
approx. 4,5 kg



Possible configurations - variants -

DefiMonitor with

- VF-/ VT-detection
- external pacer
- pulsoxymetry

PRIMEDIC™ **DefiMonitor XD** ■■■

Final three digits indicate configuration

DefiMonitor XD

product versions

| | | | |
|--------------------|----------------|---|--|
| DefiMonitor | XD1 XD3 | → | basic configuration XD3 additional with pulseoxymetry |
| DefiMonitor | XD10 XD30 | → | advanced configuration with transthoracal pacer XD30 additional with pulseoxymetry |
| DefiMonitor | XD100 XD300 | → | professional configuration I with VF-/ VT-detection XD300 additional with pulseoxymetry |
| DefiMonitor | XD110 XD330 | → | professional configuration II with VF-/ VT-detection and pacer XD330 additional with pulseoxymetry |



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PRIMEDIC™ DefiMonitor XD

Competitive advantages

- Portability, light weight 4,5 kg
- Integrated patented paediatric electrodes, no adapter needed
- Free hand defibrillation possible with SavePads electrodes
- Data-recording CF-card 32-128 MB (up to 5,4 hours incl. voice or 48 hours without voice)
- weight: 4,5 kg only
- Overwhelming price-quality ratio

PRIMEDIC™ DefiMonitor XD

Competitive advantages

- Robust design (foam-inlets)
- Internal charger
- Status indicator stating functionality of device and battery capacity
- Easy pre-selection of energy through direct buttons
- Universal charger for HeartSave AED and XD
- Various accessories
- CCD „current controlled defibrillation“ – biphasic
- Printer paper width 58 mm



METRAX
GmbH

METRAX GmbH
Rheinwaldstr. 22
78628 Rottweil
Germany

Tel: +49 (741) 257-0
Fax: +49 (741) 257-235

info@metrax.de
www.metrax.de
www.primedic.de



www.primedic.de



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ProductFamily
defibrillators and
portable ultrasound devices



HandyScan

DefiMonitor

HeartSave AED