

RELIABLE: ALWAYS, EVERYWHERE

PROFESSIONAL DEFIBRILLATORS
FOR EMERGENCY MEDICINE



DefiMonitor EVO



'Every day is a
new start'

Thomas Stearns Eliot



FURTHER. BETTER.



WHEN EVERY MINUTE COUNTS, PRIMEDIC DEFIBRILLATORS CAN HELP HEARTS STOP MISSING ANOTHER BEAT. ANYWHERE. WHAT MATTERS IS THAT THEY CAN BE USED QUICKLY. ANY TIME.

WORLDWIDE EXCELLENT REPUTATION

Perfect technology, easy operation, great mobility and absolute reliability in extreme conditions: unmistakable attributes of PRIMEDIC defibrillators. No wonder our extremely robust devices enjoy an excellent reputation in resuscitation and emergency medicine worldwide.

DECADES OF EXPERIENCE

Our family-run company has been serving medical technology for 40 years, manufacturing professional and automatic defibrillators in Germany for professionals and laymen. We are advancing the evolution of new technologies for a better quality in close cooperation with clinics and operators.

PROFESSIONALS NEEDED

Our new top product evolved from consistent improvements to the DefiMonitor XD and HeartSave series: the DefiMonitor EVO. Built for use by paramedics and emergency services, our defibrillators combine maximum equipment with the greatest reliability possible. With it, no valuable time is lost during use.

PRIMEDIC. Saves Life. Everywhere.

PRIMEDIC – DefiMonitor EVO

FACTS FOR PROFESSIONALS

FEATURES OF THE 12-CHANNEL DEFIBRILLATOR

- ▶ Manual, AED and monitor
- ▶ Transthoracic external pacemaker
- ▶ Pulse oximeter (SpO₂)
- ▶ NIBP
- ▶ IBP (2-channel)
- ▶ Capnography (EtCO₂)
- ▶ Temperature (2-channel)
- ▶ Interpretation mode
- ▶ Up to 12 ECG-channels simultaneously
- ▶ Multiparameter patient monitoring
- ▶ Accessory pouches for optimised storage
- ▶ Integrated thermal printer
- ▶ Data management
- ▶ Shock- and scratch-resistant TFT-LCD monitor, easy to read in any situation

TEN HOUR OPERATION WITHOUT CHARGING

The highest level of innovation guarantees the operational reliability of the DefiMonitor EVO in even the worst of weathers. Powerful batteries ensure up to ten hours of operating time without recharging. Direct mains operation is possible.

MODULAR PRODUCT DESIGN FOR INDIVIDUAL NEEDS

Adapted to the needs of modern emergency medicine, the DefiMonitor EVO ensures continuous patient monitoring in both the preclinical and clinical fields. The modular product design permits different configurations from a basic to a fully equipped model for individual needs.





RUGGED POWER PACK

- ▶ SOLID CONNECTOR SYSTEMS
- ▶ IMPACT BUFFER (EXTERNAL RUBBER FRAME)
- ▶ IMPACT AND SCRATCH RESISTANT MONITOR
- ▶ HIGH IP PROTECTION CLASS
- ▶ NON-BREAKABLE PADDLES
- ▶ INTEGRATED ACCESSORIES BAG TO PROTECT ACCESSORIES AND DEVICE
- ▶ CHARGER EVO | WALL MOUNT EVO
- ▶ SAFE STORAGE OF THE INTEGRATED PEDIATRIC PADDLES
- ▶ CERTIFIED ACCORDING TO EN1789

PERFORMANCE OF DefiMonitor EVO ON SCENE

1 **ADVANCED ENERGY MANAGEMENT** for up to 10 hours operating time. Reliable continuous operation is guaranteed by an intelligent battery management system or direct mains operation.

2 **OPTIMISED CARRYING COMFORT** thanks to the bar carry that lies safely in the user's hand. The quick readiness for use on site is also ensured through the use of a shoulder strap.

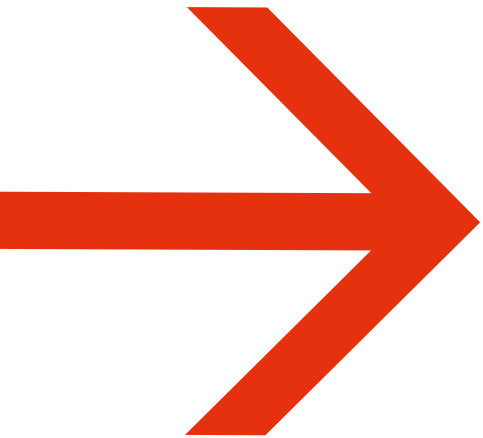
3 **MULTIFUNCTION KNOB** permits intuitive and logical navigation through the control menu.

4 **QUICK ACCESS BUTTONS** permit the direct call-up of all important functional elements.

5 **HIGH-RESOLUTION, MULTIFUNCTION TFT LCP COLOUR MONITOR** allows the simultaneous display of all 12 ECG leads. Individual user settings are possible in setup menu.

6 **INTEGRATED THERMAL PRINTER** allows the comparison, documentation and print out of analysis results and patient data.

7 **SAFETY** is guaranteed by the extensive alarm system and automatic tests of all internal system components.



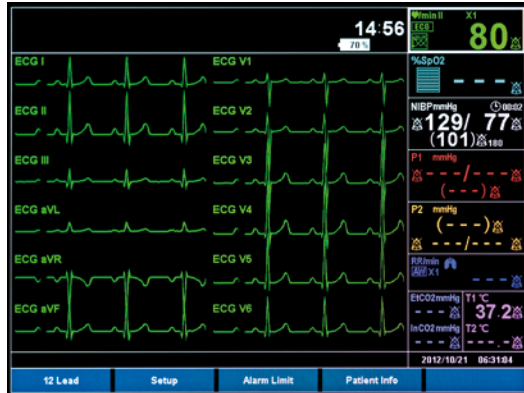
SIDE CONNECTIONS





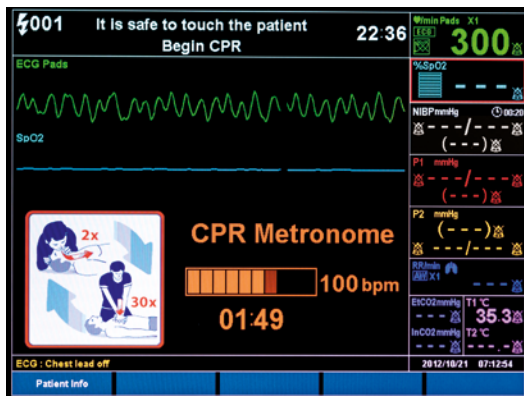
OPTIONS

12-LEAD ECG

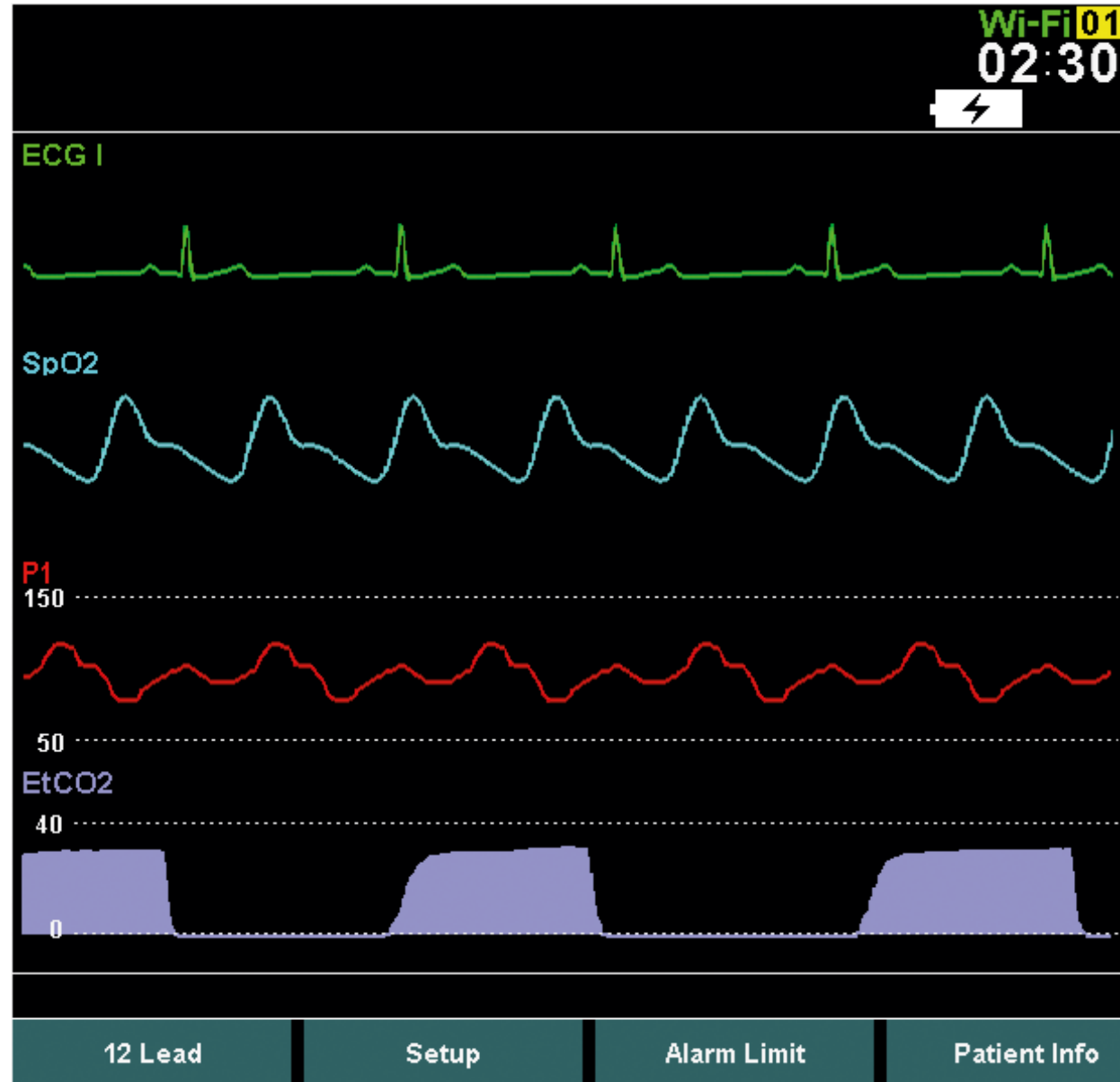


12-channel ECG visible simultaneously.
12-lead-ECG Interpretation with Glasgow University Algorithm.

AED / MANUAL MODE

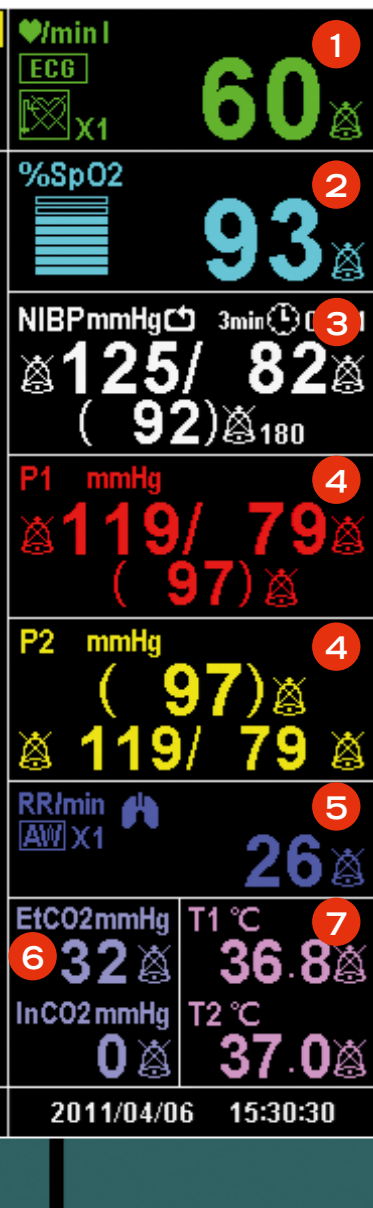


Visual user support during resuscitation with clear icons in AED mode



MONITOR MODE, FULLY EQUIPPED

Large display range for a number of physiological signals (e.g. ECG, plethysmogram, invasive blood pressure (IBP) etc.)



- 1 ECG WAVEFORM DISPLAY
- 2 SpO₂ PULSE OXIMETER
Type: Nellcor® Oximax® Sensor
- 3 NIBP (non-invasive
blood-pressure measurement)
- 4 IBP
(invasive blood-pressure measurement)
2-lead IBP
- 5 RESPIRATION
Respiratory rate is derivable
from different sources
- 6 EtCO₂ CAPNOGRAPHY
Type: Respirationics®
Sidestream/Mainstream-Module
Capnography
- 7 TEMPERATURE
2-channel temperature





MULTIFUNCTIONAL PADDLES: HANDY, SAFE AND STRONG

The functionally optimised defibrillation paddles of the DefiMonitor EVO are easy and safe to use. A particularly positive feature of the handy, non-breakable paddles: Thanks to the innovative bayonet mechanism, the adult's paddle quickly becomes

a pediatric paddle – no adaptor required. So electrodes are always where you need them at all times: right on the device. Classic PRIMEDIC SavePads Connect guarantee hands-free defibrillation at any time.

SELECT ENERGY



PADDLE SET



PRIMEDIC SavePads Connect



CHARGE / RECORD / PRINT (REC)



INTEGRATED PEDIATRIC PADDLES





ENERGY MODULES

DEVICE WITH POWER SUPPLY AND BATTERY



DEVICE WITH 2 BATTERIES



INDIVIDUAL BATTERY



POWER SUPPLY (WIDE RANGE POWER SUPPLY)



WALL MOUNT CHARGER

EN1789 Approved

ONE-HANDED RELEASE Step 1



ONE-HANDED RELEASE Step 2



ONE-HANDED RELEASE Step 3



WALL MOUNT



DEVICE ON WALL MOUNT



LED CAPACITY CHECK



CABLE MANAGEMENT

LEFT SIDE WITHOUT CABLE



LEFT SIDE WITH CABLE



RIGHT SIDE WITHOUT CABLE



RIGHT SIDE WITH CABLE



DEVICE WITHOUT ACCESSORIES BAG



DEVICE WITH ACCESSORIES BAG





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