

# PRIMEDIC™ DefiMonitor XD - PROFESSIONAL DEFIBRILLATORS

## DEFIMONITOR XD

The sophisticated high performance instrument with multifunctional features.

It combines a compact product design, proved and tested in practice with the highest possible degree of safety and user friendly handling.

Range of 8 manual (XD1, XD3, XD10, XD30) or manual + AED (XD100, XD300, XD110, XD330) defibrillators with or without SpO<sub>2</sub> and external pacer.

Supplied with adult/pediatric paddles, disposable adult Save Pads, connect cable, ECG cable, power cable, 1 tube gel, 1 paper roll.

Standard software: GB, FR, DE, IT, ES, KT, PT, RO, TR, CN.

Manual: GB, IT (on request DE, ES, PT, RU, UA).

Other softwares available on request: CZ, FI, HU, NL, NO, PL, RU, SE, DK, GR, LT, JU, AE, BR, CN, IR, JP, TH, US.



Size: 33x29x16 cm

EN 1789

MADE IN GERMANY

GIMA code	DefiMonitors XD
35370	DefiMonitor XD1 manual
35371	DefiMonitor XD3 manual + SpO <sub>2</sub>
35372	DefiMonitor XD10 manual + pacer
35373	DefiMonitor XD30 manual + SpO <sub>2</sub> + pacer
35374	DefiMonitor XD100 manual + AED
35375	DefiMonitor XD300 manual + AED + SpO <sub>2</sub>
35376	DefiMonitor XD110 manual + AED + pacer
35377	DefiMonitor XD330 manual + AED + SpO <sub>2</sub> + pacer

GIMA code	Accessories for DefiMonitors XD
35380	SAVE PADS Connect GB, FR, IT, ES (require cable 35384)
35383	SAVE PADS Connect other languages (require cable 35384)
35384	Connect cable for SAVE PADS Connect 35380/3 - spare
33400	AKuPak LITE rechargeable battery
35386	Charge base for 33400 for DefiMonitor XD
35387	Paper roll 58 mm x25 m - box of 10
35388	DefiMonitor carrying bag with shoulder strap

### TECHNICAL SPECIFICATIONS

	XD1	XD3	XD10	XD30	XD100	XD300	XD110	XD330		XD1	XD3	XD10	XD30	XD100	XD300	XD110	XD330	
<b>Defibrillation</b>									<b>TFT LCD blue-mode monitor</b>									
Wave: biphasic, current controlled impulse	•	•	•	•	•	•	•	•	115x86 mm (diagonal 5.7"/144 mm)	•	•	•	•	•	•	•	•	
Energy (automatic mode) 140-360 J	•	•	•	•	•	•	•	•	320x240 pixels	•	•	•	•	•	•	•	•	
Manual energy stages:									<b>Electrodes</b>									
5J, 10J, 20J, 30J, 50J, 100J, 200J, 300J, 360J	•	•	•	•	•	•	•	•	Adhesive electrodes, 3 years shelf life	•	•	•	•	•	•	•	•	
Charging time: < 6 sec at 200 J	•	•	•	•	•	•	•	•	Cable length 3.5 m Save pads connect	•	•	•	•	•	•	•	•	
Cardio version: manual activation, QRS marker	•	•	•	•	•	•	•	•	<b>Data backup</b>									
<b>ECG</b>									Removable memory 2 GB	•	•	•	•	•	•	•	•	
Derivation: Eindhoven I, II, III	•	•	•	•	•	•	•	•	Data/Voice recording up to 35 h	•	•	•	•	•	•	•	•	
Goldberger, aVR, aVF, aVL	•	•	•	•	•	•	•	•	<b>Power supply</b>									
Patient's resistance: 23-200 Ohm	•	•	•	•	•	•	•	•	Voltage 90-264 V, 50/60 Hz	•	•	•	•	•	•	•	•	
Heart rate: 30-300 per min	•	•	•	•	•	•	•	•	<b>Rechargeable Lithium-ion battery (LiFePO<sub>4</sub>):</b>									
<b>VF: recogniton</b>									Capacity 2.5 Ah Voltage: 13.2 Vdc	•	•	•	•	•	•	•	•	
VF recogniton	•	•	•	•	•	•	•	•	Discharges 160-200 J	•	•	•	•	•	•	•	•	
Analysis time 7-12 sec	•	•	•	•	•	•	•	•	Monitoring 5.30 h Charging time: 3.2 h	•	•	•	•	•	•	•	•	
VF threshold 200 µV	•	•	•	•	•	•	•	•	<b>Resuscitation guidelines</b>									
Asystole threshold < 200 µV	•	•	•	•	•	•	•	•	AHA/ERC	•	•	•	•	•	•	•	•	
Artefact, Pacemaker detection	•	•	•	•	•	•	•	•	<b>Standards</b>									
<b>Pulse Oximeter</b>									IEC60601-1-1:1988+A1:1991+A2:1995	•	•	•	•	•	•	•	•	
Nellcor Oximax	•	•	•	•	•	•	•	•	(Electrical Safety of Med. Electrical Devices)	•	•	•	•	•	•	•	•	
<b>Pacer</b>									IEC60601-1-2:2001 (Electromagnetic compatibility)	•	•	•	•	•	•	•	•	
Transthoracic heart pacemaker	•	•	•	•	•	•	•	•	IEC60601-1-4:1996+A1:1999	•	•	•	•	•	•	•	•	
Modes: fix, demand, overdrive	•	•	•	•	•	•	•	•	(Programmable electrical medical systems)	•	•	•	•	•	•	•	•	
<b>Thermal printer</b>									IEC60601-2-4:2002 (Defibrillators)	•	•	•	•	•	•	•	•	
Resolution: 200 dpi	•	•	•	•	•	•	•	•	EN1789:2003 (Ambulance standard)	•	•	•	•	•	•	•	•	
Advance: 25 mm/s, 50 mm/s	•	•	•	•	•	•	•	•	Protection class IP33	•	•	•	•	•	•	•	•	

# DEFI-B BATTERY DEFIBRILLATOR - MADE IN GERMANY



33380

*In emergency situation the well structured and logical operator guidance may save a life*

*Suitable for adult and children (reference norms ERC 2005 use of joule depending on kg).*

*Compact and handy: PRIMEDIC DEFI-B is easily transportable and immediately ready to use everywhere*

## • 33380 DEFI-B DEFIBRILLATOR - 220 V

The mobile security: PRIMEDIC DEFI-B is a state-of-the-art accumulator-driven defibrillator. It was designed in accordance with strict requirements of emergency medical science. Fully developed and reliable technique, world-wide in use since years. PRIMEDIC DEFI-B is

a battery supplied version and has proved successful in daily use in ambulances, with cardio sport groups and in hospitals. The convincing advantages: PRIMEDIC DEFI-B is immediately ready for application and is not depending on the main power supply due to large accumulator capacity. After switching on, the defibrillator carry out an internal self-test. In order to ensure a functional optimal handling, the user is supported by clear instructions and pictograms. A shock-resistant plastic casing protects the device, especially under rough conditions.

## • 33381 SPARE BATTERY

### TECHNICAL SPECIFICATIONS

Mode: Asynchronous, external defibrillator  
 Energy step: 20, 50, 100, 160, 250, 360 Joule  
 Discharges: 45 shocks at 360 Joule, (10 reserve after signal "battery low")  
 Charging time: 2 sec up to 100 Joule, 4.5 sec up to 360 Joule  
 Paddles for children integrated  
 Accumulator: 14.4 V / 1.4 Ah  
 Charging time: 3.5 hours  
 Safety: Internal discharge of energy after 15 sec. Internal self-testing and fault recognition  
 Protection class II, type BF  
 Mains voltage: 200-240 V 50/60 Hz  
 Dimensions: 40x48x12 cm (W x D x H)



Weight: 8.5 kg