



GIMA Defimonitor XD DEFIBRILLATOR Manual AED with Spo2 And Pacer User Guide

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Product Information

Specifications

- Code: 35377
- Category: Defibrillators
- Unit of sale: 1 pc.
- Minimum order: 1
- Type: Medical device
- Class: II B
- EAN13: 8023279353778

DefiMonitor XD DEFIBRILLATOR manual + AED with SpO2 and pacer

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Description

The DefiMonitor XD is a defibrillator with additional features including AED, SpO2 (pulse oximetry), and pacer. It is a sophisticated high-performance instrument designed with multifunctional capabilities. The product's compact design has been proven and tested in practice, providing a high degree of safety and user-friendly handling. Range of 8 manual or manual + AED defibrillators with or without SpO2 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
- Weight: 5.3 kg

Made in Germany.

Features

The DefiMonitor XD offers the following features:

- Manual or manual + AED defibrillator modes
- Optional inclusion of SpO2 and external pacer
- Supplied with adult/pediatric paddles, disposable adult Save Pads, connect cable, ECG cable, power cable, 1 tube gel, and 1 paper roll
- Standard software: GB, FR, DE, IT, ES, KT, PT, RO, TR, CN
- Additional software available on request: CZ, FI, HU, NL, NO, PL, RU, SE, DK, GR, LT, JU, AE, BR, CN, IR, JP, TH, US

Size and Weight

- Size: 33x29x16 cm
- Weight: 5.3 kg

Technical Specifications

Defibrillation

- Wave: biphasic, current controlled impulse
- Energy (automatic mode) 140-360 J
- Manual energy stages: 5J, 10J, 20J, 30J, 50J, 100J, 200J, 300J, 360J
- Charging time: < 6 sec at 200 J
- Cardio version: manual activation, QRS marker

ECG

- Derivation: Eindhoven I, II, III Goldberger, aVR, aVF, aVL
- **Patient's resistance:** 23-200 Ohm
- **Heart rate:** 30-300 per min
- **VF:** recogniton

- VF recognition Analysis time 7-12 sec
- Made in Germany
- **Defibrillation Wave:** Biphasic, current controlled impulse
- **Energy (automatic mode):** 140-360 J
- **Manual energy stages:** 5J, 10J, 20J, 30J, 50J, 100J, 200J, 300J, 360J
- **Charging time:** Less than 6 sec at 200 J
- **Cardioversion:** Manual activation, QRS marker
- **ECG Derivation:** Eindhoven I, II, III Goldberger, aVR, aVF, aVL
- **VF threshold 200 μ V**
 - Asystole threshold < 200 μ V
 - Artefact, Pacemaker detection
- **Pulse Oximeter**
 - Nellcor Oximax
- **Pacer**
 - Transthoracic heart pacemaker
 - Modes: fix, demand, overdrive
- **Thermal printer**
 - Resolution: 200 dpi
 - Advance: 25 mm/s, 50 mm/s
- **TFT LCD blue-mode monitor**
 - 115×86 mm (diagonal 5.7"/144 mm)
 - 320×240 pixels
- **Electrodes**
 - Adhesive electrodes, 3 years shelf life
 - Cable length 3.5 m Save pads connect
- **Data backup**
 - Removable memory 2 GB
- **Power supply**
 - Voltage 90-264 V, 50/60 Hz
- **Rechargeable Lithium-ion battery:**
 - Capacity 2.5 Ah Voltage: 13.2 Vdc
 - Discharges 160-200 J
 - Monitoring 5.30 h Charging time: 3.2 h
- **Resuscitation guidelines**
 - AHA/ERC
- **Standards**
 - IEC60601-1:1988+A1:1991+A2:1995 (Electrical Safety of Med. Electrical Devices)
 - IEC60601-1-2:2001 (Electromagnetic compatib.)
 - IEC60601-1-4:1996+A1:1999 (Programmable electrical medical systems)
 - IEC60601-2-4:2002 (Defibrillators)
 - EN1789:2003 (Ambulance standard)
 - Protection class IP33

Product Usage Instructions

Step 1: Preparation

Before using the DefiMonitor XD, ensure that you have the following components:

- Adult/pediatric paddles
- Disposable adult Save Pads
- Connect cable
- ECG cable
- Power cable
- 1 tube gel
- 1 paper roll

Step 2: Power On

To power on the DefiMonitor XD, connect the power cable to a suitable power source and plug it into the device. Press the power button to turn on the device.

Step 3: Selecting Mode

The DefiMonitor XD offers multiple modes of operation. Use the mode selector to choose between manual defibrillation, AED mode, or a combination of both. Select the desired mode based on the specific requirements of the situation.

Step 4: Applying Paddles

Place the adult/pediatric paddles on the patient's chest according to the recommended placement guidelines. Ensure proper contact with the patient's skin for effective defibrillation.

Step 5: Charging

If using the manual defibrillation mode, select the appropriate energy level using the energy selector. Once the energy level is set, press the charge button to initiate the charging process. The device will display the charging progress.

Step 6: Defibrillation

Once the device has finished charging, ensure that everyone is clear of the patient and press the discharge button to deliver the defibrillation shock. Follow appropriate safety protocols and guidelines during this step.

Step 7: Monitoring

If monitoring the patient's SpO2 and heart rate, connect the SpO2 sensor to the designated port on the device. The device will display real-time readings of SpO2 and heart rate on its screen.

Step 8: Additional Functions

The DefiMonitor XD also offers additional functions such as external pacing. If using external pacing, connect the pacer cable to the device and follow the specific instructions for pacing setup and operation.

Frequently Asked Questions\

Q: What is the size and weight of the DefiMonitor XD?

A: The DefiMonitor XD has a size of 33x29x16 cm and weighs 5.3 kg.

Q: What software languages are included with the device?

A: The standard software includes GB, FR, DE, IT, ES, KT, PT, RO, TR, CN. Additional software languages are available upon request.

Q: What is the charging time for the device?

A: The charging time is less than 6 seconds at 200 J.

Q: Can I use the DefiMonitor XD for cardioversion?

A: Yes, the device supports manual activation of cardioversion with a QRS marker.

Q: What ECG derivations are available?

A: The DefiMonitor XD supports Eindhoven I, II, III Goldberger, aVR, aVF, and aVL ECG derivations.

Q: What is the patient's resistance range?

A: The patient's resistance range is 23-200 Ohm.


Q: What is the heart rate range that the device can monitor?

A: The device can monitor heart rates ranging from 30 to 300 per minute.

Gima S.p.A.

Via Marconi,
1 – 20060 Gessate (MI)
Tel. +39 02 953854209
Fax.+39 02 35380056

Documents / Resources

	<p>GIMA DefiMonitor XD DEFIBRILLATOR Manual AED with Spo2 And Pacer [pdf] User Guide DefiMonitor XD DEFIBRILLATOR Manual AED with Spo2 And Pacer, DefiMonitor, XD DEFIBRILLATOR Manual AED with Spo2 And Pacer, Manual AED with Spo2 And Pacer, Spo2 And Pacer</p>
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References

- [User Manual](#)