



Defibrillator Monitor DM7000

Creation With Hearis



Keys Instruction



1. the KNOB
2. Energy Select
3. CHARGE
4. SHOCK
5. DISARM
6. SYNC
7. ENTER
- On the MONITOR
8. UP/DOWN/LEFT/RIGHT
9. ALARM
10. OPTIONS
11. HOME
12. MIC
13. EVENT
14. SUMMARY
15. PRINT
16. SPEAKER
17. FREEZE
18. START/STOP
19. LEAD
20. SIZE
21. ALARM LED

Switch from OFF to MANUAL, AED or MONITOR

Select the energy levels

Charge to the selected energy

Press the SHOCK button to deliver the energy

Disarm charged defibrillator internally

Activates the synchronization identify

On the MANUAL mode, confirms the menu sets.
mode, enter the menu sets.

Change the selected items

The first to press the button will suspend the alarm, and the second will restore the alarm.

On the MANUAL mode, Entering the defibrillator menu sets

Current menu back to the up menu

Record from there

To record the medical event

Print summary information

Print information

On the MONITOR mode, freeze the ECG

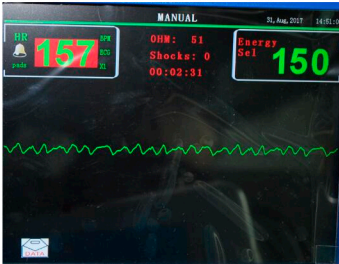
On the MONITOR mode, select the ECG input sources.

On the MONITOR mode, select the ECG size.

Function&Features

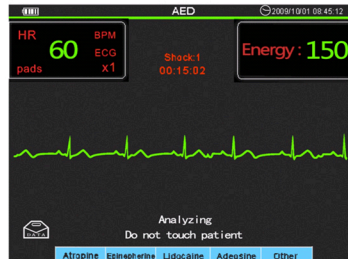
Functions:

MANUAL mode



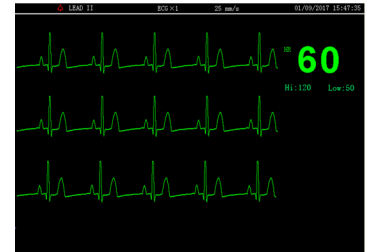
Analyzes the patient's ECG waveform, to show the Heart Rate. The operator doctor must judge when to defibrillate. Press SYNC button, the atria fibrillation can be recognized and indicate R peak at ECG waveform.

AED mode



A straightforward, three-step operating design that uses extensive voice, ECG waveform show and visual prompts to assist the operator. It must use the defibrillator pads so that ensure accurate analyzing.

MONITOR mode



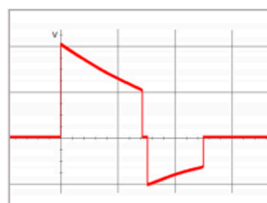
Monitor the patient real-time condition that shows the real-time ECG waveform and the Heart Rate. The 3 or 5-line cable can be setup by setting the menu.

Battery Level Indicator



To monitor the battery real time

Biphasic Technology



With impedance compensation More effective
Less Energy and less hurt to the heart

Internal Thermal Printer



50mm integrated thermal recorder

Data Storage



65 hours of all measured parameters

Paddle:



Charging and shocking can be easily operated through according buttons



Quickly converted from adult to pediatric by removing the outer surface

Specification

Display

Display Type: 7 inch high resolution LCD display

Sweep Speed: 25mm/sec

Information: HR, Lead/Pads, On/Off Alarm, SpO2, AED Functions and Prompts, Alarm Selection and Limits, Delivered Energy.

Defibrillator

Waveform: Biphasic

Charge Time: Less than 7 seconds with a new fully charged battery.

Energy Display: Monitor display indicates both selected and delivered energy.

Charge Prompt Type: Voice and visual prompts.

Electrode Impedance Measurement Range: 0–250 ohms.

ECG Monitoring

Patient Connection: 5-lead ECG cable, or 3-lead ECG cable, paddles.

Lead Selection: Displayed on monitor, paddles, I, II, III, AVR, AVL, AVF, V.

ECG Size: 0.25, 0.5, 1, 1.5, 2, 4 cm/mV display on monitor.

Heart Rate: 20–300BPM.

Heart Rate Alarm: On/Off displayed on monitor, user-selectable.

Smart Alarms: Beeper/voice prompts indicate shockable rhythm.

SpO2 Module(Optional)

Measurement Range: 30~100%, $\pm 2\%$ between 80%~90%, others $\pm 5\%$

Alarm Range: User set high limit and low limit.

Alarm Accuracy: $\pm 10\%$ within setting values.

Alarm time Accuracy: Less than 12 sec.

Recorder

Paper: 50mm thermal.

Speed: 12.5mm/sec, 25mm/sec, 50mm/sec. User-selectable 6-second delay.

Printing Method: High-resolution, thermal print head.

Print-out Modes: Manual or automatic, user-configurable.

On/Off Control: Front panel and paddle.

Automatic Function: 9-seconds recording initiated by alarm activation or defibrillator charge or defibrillator discharge.

Battery

Type: Rechargeable, Ni-MH battery, 12V.

Operating Time: For a new, fully charged battery: 60 defibrillator discharges at maximum energy, or 3 hours minimum of continuous ECG monitoring.

Additional parameters will effect operating time with different functions.

AED Mode

AED Function: Auto analyze and charge X3 with programmable auto energy level selection, screen prompts, and voice prompts.

Shockable Rhythms: Ventricular fibrillation with amplitude $\geq 200\mu V$, ventricular tachycardia with rates $\geq 140\text{bpm}$,

and QRS complex wave duration $\geq 140\text{ms}$.

Charge Control: Control on device front panel, press key on paddle.

Prompts: Voice and visual prompts.

Manual Mode

Energy Selection: Selectable at 2, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200, 300, 360 joules.

Synchronized Mode: Synchronizes defibrillator pulse to patient's R-wave. "SYNC" message displayed on monitor



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