



Cherish your life, Cherish your health!



**ELEKTRO GENESIS ME LLC**

Cherish Your Life, Cherish Your Health!

**AUTOMATIC  
EXTERNAL DEFIBRILLATOR**

# Who we are

Elektro Genesis ME LLC has emerged as a leading force in the medical equipment industry, rapidly growing from its modest origins in the Middle East to become a multinational powerhouse. As one of the largest distributors and suppliers of medical equipment across Africa, GCC, and the Middle East, we have established an unrivaled reputation for reliability and quality.

## Our Reach:

Operating in multiple countries, including Ghana, Kenya, Uganda, Liberia, the United Arab Emirates, and Zambia, we have built a strong presence in key markets. Our extensive distribution network ensures that healthcare professionals in these regions have access to cutting-edge medical instruments and devices.

## Our Commitment:

At Elektro Genesis, our unwavering mission is to provide customers with medical equipment built to the highest standards, without compromise. We take great pride in the longstanding relationships we have cultivated with our clients over the past 20 years. Their trust in our ability to deliver unmatched products and services sets us apart from the competition.





## Our Mission :

Elektro Genesis is committed to delivering exceptional value to its customers worldwide by providing technologically advanced medical products of the highest quality at affordable prices. We aim to establish a comprehensive distribution network that serves clients across continents, including Asia, Europe, the Middle East, and the GCC. Through continuous innovation and a relentless focus on customer satisfaction, we strive to improve healthcare outcomes and enhance the well-being of individuals and communities globally.

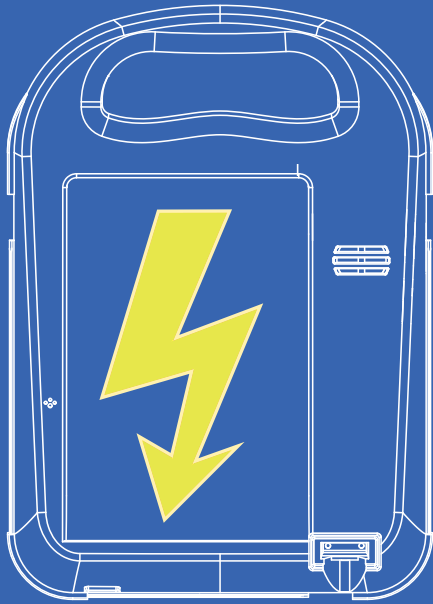
## Our Vision :

Our vision is to be a trusted leader in the global medical equipment industry, renowned for our unwavering dedication to excellence, integrity, and customer-centricity. We are driven to expand our product portfolio with state-of-the-art technologies that cater to the evolving needs of healthcare professionals worldwide. By cultivating strategic partnerships and leveraging our expertise, we aspire to shape the future of healthcare delivery, offering innovative solutions that positively transform patient care and outcomes. Together with our valued clients and partners, we envision a healthier and more accessible healthcare landscape spanning across continents.

# QS-SHOCK TECH

## Quick defibrillation. Safe rescue.

ELK7000 has a built-in super large capacitor. After turning on the machine, heart rhythm analysis and pre-charging are carried out synchronously. Wait for the result of heart rhythm analysis, and then choose defibrillation or automatic internal charging.



### Real Clinical Database.

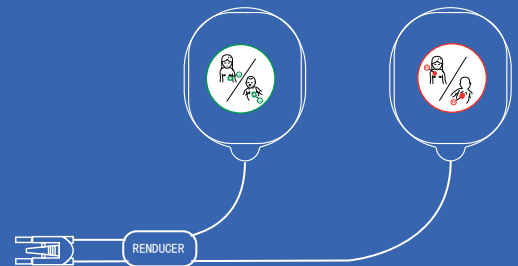
#### Fast & Accurate Waveform Identification

MBA database, mainly used for ELK7000 external defibrillation test. The heart rhythm of the MBA database comes from the ECG data of 5062 inpatients in PEKING UNIVERSITY FIRST HOSPITAL, etc..

### Pediatric Mode

Only Plug in the pediatric electrodes

Automatically switch to the pediatric mode



## Electrogenesis Defibrillation Technology is Always in the Forefront of the World

### Smart Biphasic

- International mainstream energy:150J,200J
- Maximize the success rate of patient rescue.

### Pads Pasting Instructions

- Pads position indication. Worry-free use.

### Hard Case. IP 55

- Suitable for various harsh environments

### Voice instruction

- Safe operation
- Eliminate Rescuer's panic
- Relieve the tension

### Handhold ,easy to get



### Infrared transmission

- Output patient's ECG information
- Recorded ECG information can be used

### Self testing function(optional)

- Showing the condition of the battery and system

### Event review

- Record the situation of the environment
- Analysis the first aid event

### Instruction for operation

- Easy operation instruction
- Eliminate Rescuer's panic

### High energy battery capacity

- Long standby for 5 years
- Unique power supply system

# ELKAED7000 SERIES



Standard



With Self-Test



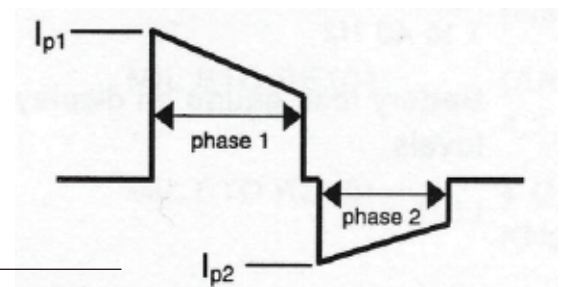
Trainer

## General Specification

<b>Size(L*W*H)</b>	303mm*216mm*89mm	<b>Altitude</b>	-91m to 4573m
<b>Weight</b>	About 2.0kg	<b>Pressure</b>	70kPa~106kPa
<b>Working Humidity</b>	Temperature :0 °C~40 °C Relative humidity :95% (non-condensing )	<b>Power Supply</b>	Lithium Battery, 12V,2800mAh
<b>Current Risk Level</b>	Internal power supply BF type ( according to GB9706.1/IEC60601-1)		

## Defibrillation Parameter

<b>Waveform</b>	Biphasic
<b>Energy Sequence</b>	Adult : (150, 150, 200) J;
<b>Charging Time</b>	When the battery is used less than 15 times, reach to the maximum charging energy is less than 8 seconds
<b>Analysis Time</b>	7s
<b>Charging Times</b>	250 discharges at 200J or 320 discharges at 150J
<b>Operation Prompts</b>	Voice and LED prompts
<b>Energy Accuracy</b>	±5% (under 50 ohm load )
<b>Maximum Voltage</b>	1100±50V
<b>Impedance Range</b>	20Ω to 200Ω

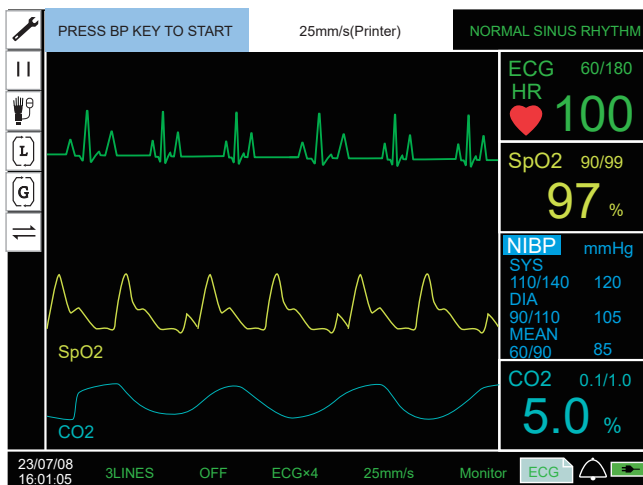


# ***ELKDM7000***

## ***Defibrillator monitor***

- ◉ **Four-in-one Design**
- ◉ **Dual system Integration**
- ◉ **Excellent Anti-interference**





## Monitor Mode

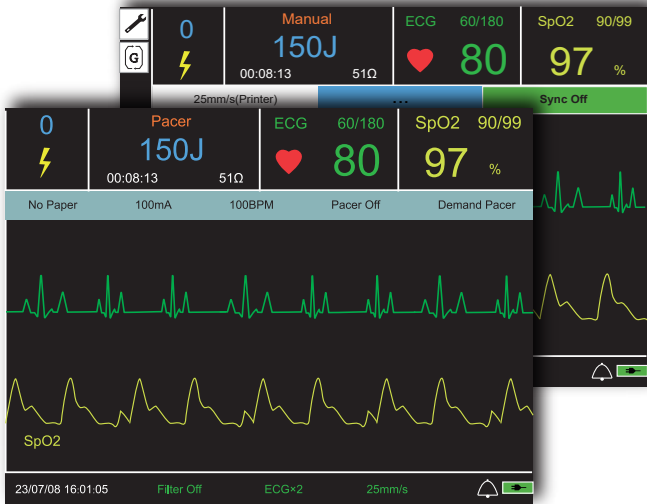
- ECG measurement
- SpO2 measurement (optional)
- NIBP measurement (optional)
- ETCO2 measurement (optional)

**\*Please Consult For Monitoring Characteristics**



## AED Mode

ELKDM7000 can display ECG value, adjust automatically defibrillation energy sequence, display the number of shocks, display the process of defibrillation, display the ECG waveforms and the analysis results and print ECG waveform.



## Manual & Pacer Mode

ELKDM7000 has manual defibrillation mode, with human body resistance display and adjustable defibrillation energy of 2J-360J, with a wide range of energy values for active defibrillation targeting different populations. ELKDM7000 offer demand pacer and independent pacer mode with adjustable rates and output.



## Convenient printing

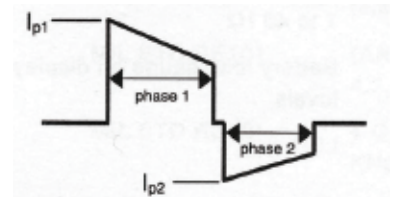
ELKDM7000 can print various monitoring information such as electrocardiogram with one click, and the printing and display parameters can be adjusted, making it convenient for users to use and record; The handle design makes the ELKDM7000 suitable for multiple environments, making it convenient for users to transfer and perform other operations

## General Specification

<b>Size(L*W*H )</b>	330mm*240mm*180mm	<b>Altitude</b>	-91m to 4573m
<b>Weight</b>	About 5.0kg	<b>Pressure</b>	70kPa~106kPa
<b>Working Humidity</b>	Temperature :0 °C~40 °C Relative humidity :95% (non-condensing )	<b>Power Supply</b>	NI-MH,12V,3800mAh, And AC power supply
<b>Current Risk Level</b>	Defib: Defibrillator is BF Type (According to GB9706.1/IEC 60601-1) Monitor: ECG is CF Type ;Other is BF Type.		

## Defibrillation Parameter

<b>Waveform</b>	Biphasic
<b>Energy (manual)</b>	2, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200, 300, 360 J.
<b>Energy (AED)</b>	150, 200J (twice) 150, 150, 200J (three times) 150,150, 150, 200J (four times)
<b>Charging Time</b>	When the battery is used less than 15 times, reach to the maximum charging energy is less than 8 seconds
<b>Analysis Time</b>	7s





## AUTOMATIC EXTERNAL DEFIBRILLATOR

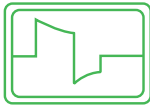
# ELKAED7000 Plus

Quick defibrillation, excellent monitoring

ELKAED7000 plus has professional automatic defibrillation technology, is a small and convenient device that can manually adjust defibrillation energy and electrocardio-gram monitoring functions



# Professional Defibrillation & Quality Assurance



## Intelligent biphasic technology energy output protects the heart

International mainstream energy models: 150 and 200J, Rapid identification of electrocardiogram abnormalities, charge & discharge defibrillation



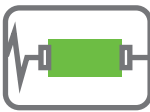
## LCD display graphics interaction

ECG waveform display, energy can be manually activated Or automatic adjustment, providing more choices for professional doctors



## Sturdy structure Powerful performance

ABS plastic, dustproof and waterproof to IP55; Suitable for various harsh environments, ensuring normal defibrillation



## Durable battery Five year standby Work

High capacity battery with strong standby time Reduce maintenance costs.



## Perform regular self-checks. Display the status all the time

Monitor battery levels and perform system checks. Ensure the AED is always ready for use.



## Manage backend systems. convenient data exchange.

Employ a unique and stable system management approach. Export patient data.

## BIPHASIC

Energy type

**9s**

Analysis time

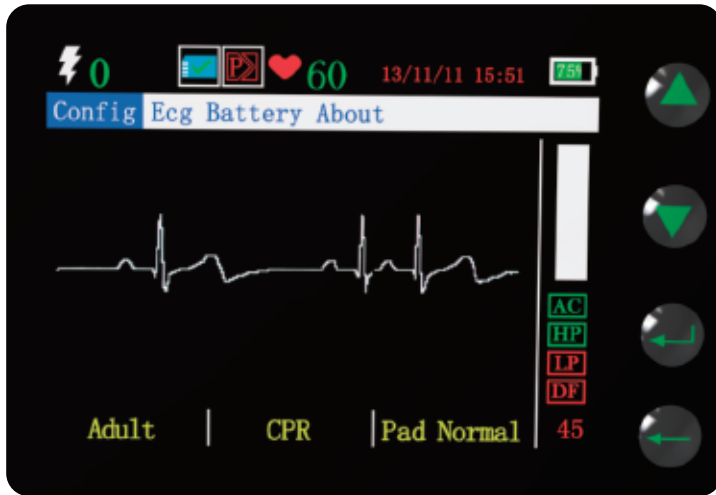
**8s**

Charging to 200J

## ENERGY

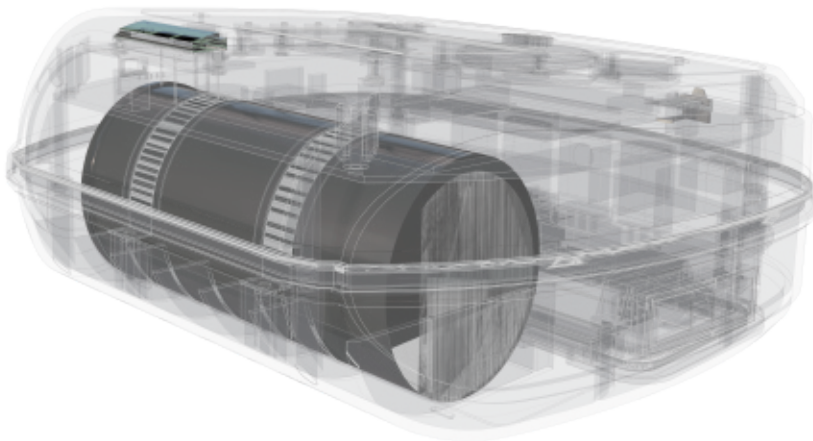
150/150/200(Default)  
150/200/200(customerized)  
200/200/200(customerized)  
Note: the Energy sequence can be changed using the computer IR port.





## Visually display ECG waveforms and defibrillation information.

Highlight critical aspects during the ECG and defibrillation process using warning colors. Simplify AED operation and help prevent errors to a certain extent. Enhance defibrillation efficiency with a large-capacity capacitor and rapid charging.



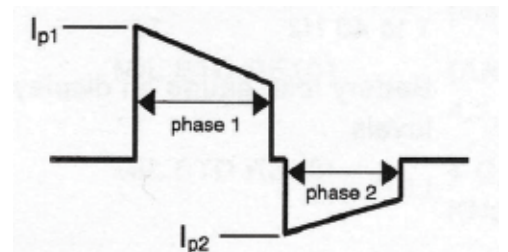
## Large Defibrillation Capacitor Fast Defibrillation Speed

ELKAED7000 Plus has a large built-in capacitor. After turning on the machine, the rhythm analysis and pre-charging are carried out simultaneously. Waiting for the rhythm analysis results, and then choose defibrillation or automatic internal discharge.

## General Specification

<b>Size(L*W*H)</b>	225mm*200mm*85mm	<b>Altitude</b>	-91m to 4573m
<b>Weight</b>	About 2.0kg	<b>Pressure</b>	70kPa~106kPa
<b>Working Humidity</b>	Temperature :0 °C~40 °C Relative humidity :95% (non-condensing )	<b>Power Supply</b>	Lithium Battery, 12V,2800mAh
<b>Current Risk Level</b>	Internal power supply BF type ( according to GB9706.1/IEC60601-1)		

## Defibrillation Character



<b>Waveform</b>	Biphasic
<b>Energy Sequence</b>	Adult: (150, 150, 200) J;
<b>Charging Time</b>	When the battery is used less than 15 times, reach to the maximum charging energy is less than 8 seconds
<b>Design Standards</b>	Meets applicable requirements of IEC 60601-1, IEC 601-2-4, EN 60601-1, IEC 60601-1-2

# ELKDA7000/ELKDA7000 Plus

## Defibrillator/Transcutaneous Pacemaker Analyzer



The ELKDA7000 Defibrillator Analyzer and ELKDA7000Plus Defibrillator/Transcutaneous Pacemaker Analyzer Test System are aesthetically pleasing and portable high-precision test instruments. They can ensure proper operation and optimal performance of CPR emergency equipment.

The ELKDA7000 and ELKDA7000Plus test capabilities cover a wide range of established pulse waveforms, and demonstrate breakthrough AED technology compatibility with excellent accuracy and standards.

ELKDA7000 can also be combined with a variety of test loads and measurement algorithms. When used in conjunction with VDL7000, the optional load accessories of the defibrillation analyzer can provide 25  $\Omega$ , 50  $\Omega$ , 75  $\Omega$ , 100  $\Omega$ , 125  $\Omega$ , 150  $\Omega$ , 175  $\Omega$ , and 200  $\Omega$  and other loads for defibrillator performance testing.

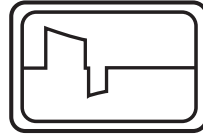
# PRODUCT FEATURE



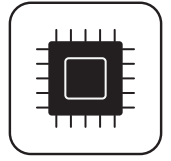
High-definition Screen  
Intuitive & Comprehensive



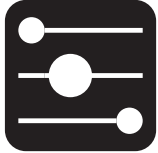
Large touch screen  
with easy Operation



Real-time plotting of  
defibrillation waveforms



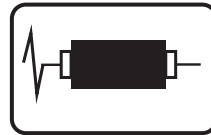
Clinical Data  
Waveform Expansion



various parameters  
Accurate measurement



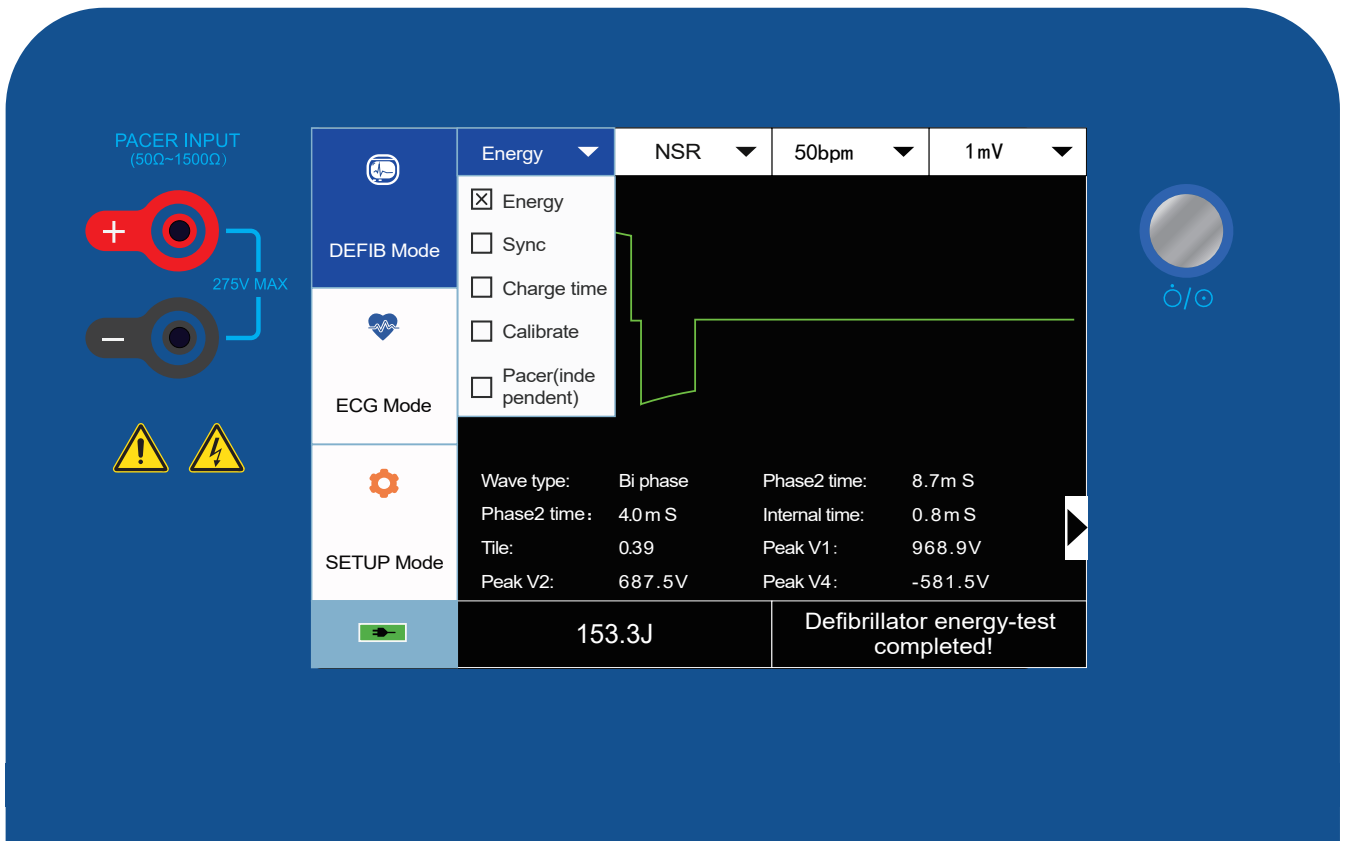
Variable  
defibrillation load



Durable Rechargeable  
Battery



External pacing 50-1500  
impedance adjustment



**A glance,**  
you can see all the information you want  
under this large screen

Simple and stylish shape, and high-definition screen makes the defib energy, waveform type to be displayed clearly easy to observe and record data, makes the operation more convenient

**Detecting defibrillation waveform polarity**

**Expanding experiment data waveform**



## Specifications

<b>Display</b>	.....	8inch LCD Display
<b>Size</b>	.....	(L x W x H)30cm x 23cm x 24 cm
<b>Weight</b>	.....	5.0Kg
<b>Power</b>	.....	Internal rechargeable NiMH battery pack for sixhours (typical) operation after full charge, or the battery charger can operate the Analyzer and charge the battery simultaneously.
<b>Battery Charger</b>	.....	Input:100 to 240V;Output:15V/3A
<b>Compatible-Defibrillator -Waveshapes</b>	.....	Lown,Edmark,Trapezoidal,DC Bi-phasic,and AC Pulsed Bi-phasic
<b>Autoranged Measurement</b>	.....	0.1 to 600J
<b>Accuracy</b>	.....	0.1 to 600J: $\pm(1\% \text{ of reading} + 0.1\text{J})$ ; 360 to 600J: $\pm(1\% \text{ of reading} + 0.1\text{J})$ , typical
<b>ECG General</b>	.....	Lead configuration: 12-lead simulation. RA, LL, LA, RL, V1-6 with independent outputs
<b>ECG Amplitudes</b>	.....	Lead to lead impedance : 1000 $\Omega$ (nominal)
<b>Accuracy</b>	.....	Rate accuracy: $\pm 1\%$ of nominal



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