



ES-REJ2

Handheld Patient Monitor



INTENSIVE CARES



Introduction:

All-in-one designed module with 5 standard parameters: ECG, NIBP, SPO2, Pulse Rate and Temperature.

Optional parameter: ETCO2

This machine can meet all requirements, and meet requirements of hospital & other departments in emergency treatment, first-aid, rescue, etc.

Function:

Touch screen, 5.0 inch color TFT LCD, simple for operating, quickly & accurately measure the data;
Build-in rechargeable Li-battery (7200mAh 3.7V), up to 15hours running time, support AC and DC power;
Adjustable audible and visual alarms and sensor off alarm;
Long time monitoring and sleeping monitoring;
Easy to carry, suitable for ambulance center, has the stand for fixing;

Prior:

Storage and review data up to 9999 user ID and 3888groups via Trend Graph and Trend List.
Bluetooth data upload to Android mobile
Big font screen interface is easy to observe;
Back light can be adjusted;

Specification:

General Specifications:

Size: 209mm×104mm×47.5mm

Net Weight: 655g

Display Specification

Measurement Display: color TFT- LCD/touch screen

Power Supply Indicator: Dual-color LED (red/green)

Charging indicator: A green LED

Power Supply

AC Power Adaptor

Input: 100~240V AC, 50/60Hz, 0.7A

Output: DC 5V, 2A

Battery

Li-ion rechargeable battery, 3.7V/7200mAh

Operating Time: 15 hours with full battery capacity.

(Condition: 25°C, NIBP working period is 15 minutes)

Recharge Time: 10 hours.



**Monitoring Parameter****ECG**

Input: 5-lead ECG cable, standard AAMI cable connector

Lead Selection : I, II, III, avR, avL, avF, C

Gain Selection : ×1, ×2, ×4, ×8

Sweep Speed: 12.5, 25, and 50 mm/s

Frequency Response: None filter: 0.05~100Hz (-3dB), filter: 0.5~40Hz (-3dB)

Calibration Signal: 1mV square wave

Heart Rate

Measuring Range: 20 bpm~300 bpm

Renew Time: 1 time per beat

Accuracy: ±1 bpm

Alarm Mode: Audible and visual alarm

SpO2

SpO2%

Measuring Range: 0%~100%

Resolution: 1 %

Accuracy: ±2 % (90%~99%), ±3 % (70%~89%), unspecified (0%~69%)

Pulse Rate

Measuring and Alarm Range: 20~300bpm

Resolution: 1bpm

Accuracy: ±1bpm

NIBP

Method: Oscillometric

Mode: Manual, Auto, STAT

Measuring Interval in AUTO Mode: 1, 2, 3, 5, 10, 15, 20, 30, 45, 60 (min)

Measuring Period in STAT Mode: 5 min

Cuff Pressure Range: 0 mmHg~300mmHg

Pulse Rate Range: 30 bpm~250bpm

Measurement Range: Adult 30 mmHg~255mmHg, Pediatric 30 mmHg~160mmHg

Over-pressure Protection: Adult 300mmHg, Pediatric 220mmHg

Pressure Resolution: 1mmHg

The SYSTOLIC and DIASTOLIC values measured using this device shall be equal to those measured by trained medical personnel using cuff and stethoscope.

The MAP value measured using this device is equal to that measured using blood pressure measurement device.

Temperature

Input: Body surface thermal-sensitive resistor temperature sensor

Measuring Range: 0°~50°C

Accuracy: ±0.1°C

EtCO2 (Optional)

Measuring Range: 0~150mmHg

Resolution: 1 mmHg

Accuracy: ±2mmHg@< 5.0% CO2

Respiration Rate (Optional)

Measuring Range: 0~120rpm

Resolution: 1rpm

Accuracy: ±1rpm



Storage and Review

Maximum Data Quantity: 3888 groups
 Maximum Trend Time: Continuous 129.6 hours

Standard accessories	
Main unit	1
5lead ECG cable with TEMP sensor	1
NIBP cuff for adult with extend tube	1
SpO2 adult finger probe	1
AC charger	1
User manual in English	1

