

XJJ-4 心臟急救監視裝置

MODEL XJJ-4

CARDIAC RESUSCITATION AND MONITORING SYSTEM

標準代號 Q/CYAD8-91



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心臟急救監視裝置由心電放大器，心電示波器，自動記錄器，心率測量器和臍去顫器五個部分組成。交直流兩用，不僅具有一般心電測量、心電示波器的功能，而且能對心律超過預置值自動報警，自動記錄。還能對溺水電擊引起的停搏病人以及房顫、室顫、房性或室性心動過速病人施行去顫治療或搶救，操作簡便，療效滿意。廣泛用于內科，心血管科、手術室、危重病人恢復治療室、急診視察室，心電圖運動試驗室，兒科病房及救護車配套等場合，也可用于教育科研單位的動物試驗，深受用戶歡迎。

主要技術指標

- 心電輸入浮動
- 病人患者漏電流 $< 10\mu\text{A}$
- 輸入回路電流 $< 0.1\mu\text{A}$
- 靈敏度：
記錄 $5, 10, 20\text{mm/mv}$
示波 $> 200\text{mm/mv}$
- 頻率響應：
記錄 $0.5 \sim 75\text{Hz} \begin{matrix} +0.4\text{dB} \\ -3\text{dB} \end{matrix}$
示波 $0.5 \sim 100\text{Hz} \begin{matrix} +0.4\text{dB} \\ -3\text{dB} \end{matrix}$
- 走紙速度： 25mm/s 掃描速度： 25mm/s
- 心率測量範圍： $30 \sim 250$ 次/分
- 心律警報範圍： 上限 $60 \sim 240$ 次/分. 下限 $10 \sim 90$ 次/分
- 記錄方式： 自動、關、手控
- 顯示器： 18cm 磁偏轉矩形顯象管
- 最大釋放能量： 320J
- 最大能量充電時間 $< 20\text{S}$
- 電源交流 $220\text{V} 50\text{Hz} 180\text{AV}$ (最大時)
可配直流 $12\text{V} 4\text{Ah}$ 蓄電池
- 體積： $l \times d \times h, \text{mm}: 1030 \times 490 \times 675$ 包括手推車
- 重量： 55kg 包括推車

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Model Xjj-4 Cardiac Resuscitation and Monitoring System consists of an ECG amplifier, oscilloscope, auto-recorder, heart rate counter and defibrillator. The system is AC/DC operable not only with the normal function of recording and displaying ECG, but also with that of automatically alarming and reording bradycardia, tachycardia, ventriculay tachycardia and other abnormal rhythm. It is applicable to the cardiac resuscitation of defibrillation on the patients of ventricular fibrillation, atrial futter and fibrillation, atrial or ventricular tachycardia or heart arrest caused by electrical shock or drowning with less by-effect. Therefore, it is widely used in internal medicine, cardiovascular and chest surggery, operation room, emergency roon, ICU, ECGexercise test, paediatrics wards and in ambulance, etc.

Specifications:

- Isolated patient input circuit,
- Patient leakage current: less than or equal to $10\mu\text{A}$
- Input loop current: more than or equal to $01.\mu\text{A}$
- Sensitivity: recorder, $5, 10$ and 20mm/mv
monitor, more than 20mm/mv
- Frequency response: 0.5 to 75Hz (recorder) $\begin{matrix} +0.4\text{dB} \\ -3\text{dB} \end{matrix}$
 0.5 to 100Hz (monitor) $\begin{matrix} +0.4\text{dB} \\ -3\text{dB} \end{matrix}$
- Paper speed: 25mm/s
- Sweep rate: 25mm/s
- Heart rate range: 30 to 250bpm
- Alarming setting: upper 60 to 240bpm
lower 10 to 90bpm
- Recording mode: auto., manual
- Monitor: 18cm diagonal
- Max. energy output: 320joules
- Max charge time: less than 20S
- Power: AC $220\text{V}, 50\text{Hz}, 180\text{AV}$ (max)
DC $12\text{v}, 4\text{A}$ hrechargeable batteries
- size: $1 \times b \times h, \text{mm}: 1030 \times 490 \times 675$ (including the trolley)
- Weight: 55kg (including the trolley)

