

Nihon Kohden Tec-7200A Defibrillator



Typical Manufacturer's Picture

Features:

- Two-trace monitor
- Expanded CRT Data Display
- Advanced Thermal Array Recorder
- 12 Lead ECG Capability
- Simplified 2-Step Operation
- Portable and Compact

Specifications

Unique 2-Trace Monitor

The large 5.5-inch non-fade cardiac defibrillator monitor with exclusive 2-trace capability assures that real-time continuous monitoring is never lost. Even when using the freeze capability, critical real-time patient information is constantly displayed on the first trace while the second trace is frozen for a closer examination of ECG data.

The TEC 7200A has the capability of providing 8 seconds of ECG data continuously on the monitor at one time. This gives the user twice as much time to recognize, capture, analyze or record a significant event before it is lost from the screen.

Expanded CRT Data Display

- Large heart rate indicator display
- Heart rate alarm limits display
- Lead selection display: I, II, III, aVR, aVL, aVF, V, Paddles, Test, Auxiliary Input, and Telemetry
- Gain setting display:
 - 1/2 (5mm/mV)
 - 1 (10mm/mv)
 - 2 (20mm/mV)
 - 4 (40mm/mV)
 - AG (Auto Gain)
- Large charging energy/energy selected display
- Message display: "Test OK", "Low Battery", "Paper Empty", etc



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- Synchronization marks clearly displayed
- CRT brightness/intensity adjustment provided

Annotated Recording

The TEC-7200A Series has a built-in thermal array recorder which automatically or manually records all of the data displayed on the CRT. Automatic recording is started when the CHARGE button is pushed and continues for 15 seconds after discharge. Heart rate alarm violations will also trigger automatic recordings.

Annotations Include: Date, Time (including seconds), Lead identification, Gain/Sensitivity, Heart Rate, MON/ECG mode, AC Filter ON/OFF, REAL/DELAY time recording, Discharge mark, Set energy, Sync mark, Transthoracic resistance, and Delivered energy

Advanced Thermal Array Recorder

All recordings are made using the technologically advanced thermal array recorder. This technology allows full alphanumeric print capability on both the upper and lower margins of the chart paper without any sacrifice of waveform resolution. The thermal array recorder eliminates the problem of stylus burnout and replacement.

Portable and Compact

The TEC-7200A has the monitor, recorder, battery and AC power/recharger all built into one 27 lb. unit

3-Way Positioning

The compact size (13.5"W X 7.7"H X 14.5"D), light weight (27 lbs) and convenient design allows the TEC-7200A defibrillator to be positioned on the base, side or back. This convenience allows the units to be used on large or small crash carts, gurneys or special purpose beds and permits constant unobstructed viewing of the monitor.

Simplified 2-Step Operation

1) Automatic Power On

Setting the energy level (3 - 360 joules) automatically turns the unit on.

2) Energy Charge

Charging is activated by either the CHARGE button on the front panel of the unit or the CHARGE button on the apex paddle.



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One-Step Energy Level Adjustment

Even after charging, the energy level can be quickly increased or decreased by turning the energy selection dial. The energy level adjusts automatically (without discharging) by adding or subtracting only the necessary energy to achieve the desired level.

Paddle Contact Indicator

The paddle contact indicator, located on the sternum paddle, alerts the user to the contact quality between the paddle electrodes and patient. The LED indicators automatically light when CHARGE is activated.

Green : 0-100n contact impedance

Yellow: 100-200n contact impedance

Red: $\geq 200n$ contact impedance

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