

購 買 (英文) 規 格 書

COMMODITY DESCRIPTION

關 稅 分 類 番 號 H.S. NO.	品目番號 ITEM NO.	品 目 및 規 格 DESCRIPTION	單 位 UNIT	數 量 QUANTITY
		3 차원심장진단시스템	set	1

A. Features:

1. The system facilitates procedures in all atria and ventricles within the heart.
2. It is compatible with most manufactures' diagnostic catheters, recording systems, and imaging equipment.
3. Any combination of catheters, up to 128 electrodes, can be visualized and moved on a real-time map.
4. The OneMap™ function allows for the creation of a cardiac model and simultaneous electrical mapping suitable for the procedure.
5. Accurate cardiac model generation and various mapping functions (magnetic or impedance) help facilitate treatment.

B. Specifications:

1. Display Workstation
 - 1) The display workstation is the user interface for controlling the EP System and is available in either a mobile(cart) or fixed installation.
 - 2) The system software (Linux operating system) interprets and graphically displays the data from the amplifier.
 - 3) Multicore Intel x86 CPU, PCI Express graphics and DVD/CD writer. Recording speed determined by media used.
 - 4) 64GB main memory
 - 5) 900GB SSD storage for data with full disk encryption
 - 6) Nvidia video graphics card
 - 7) Application whitelisting anti-malware (Refer to the admin guide for more cybersecurity information)
 - 8) Dimensions
 - Standalone Workstation: 15.2(H) x 6.7(W) x 17.3(D) inches
38.6(H) x 16.9(W) x 44.5(D) cm

- 24inch (61cm) LCD High Definition Flat-Panel Monitor (widescreen, 1920 x 1080 resolution, 16:9 aspect ratio) with standard: 18.8(H) x 21.2(W) x 6.5(D) inches
47.8(H) x 53.9(W) x 16.5(D) cm
- Workstation Cart: 34.6(H) x 41.3(W) x 22.8(D) inches
88(H) x 105(W) x 58(D) cm

9) Weight

- Standalone Workstation: 11.5kg
- LCD High Definition Flat-Panel Monitor: 7.6kg
- Workstation Cart: 68kg

10) Keyboard (USB) and Mouse (USB, 3-buttons)

11) Fiber optic cable and video extender (MPO type cable) included

2. Amplifier

1) The Amplifier controls inputs for patient connections and provides a bedside display of the system interface.

2) Generally positioned near the patient bedside in cart installation or it may be placed under the bed in a fixed installation.

3) Dimensions

- Standalone Workstation: 14.3(H) x 18(W) x 17(D) inches
36.2(H) x 45.5(W) x 43.2(D) cm
- Triple Drawer Amplifier Cart: 45.7(H) x 41.3(W) x 22.8(D) inches(116(H) x 105(W) x 58(D) cm)

4) Weight

- Standalone Amplifier: 14.8kg
- Triple Drawer Amplifier Cart: 125kg

5) Signal Processing Specifications

- Sampling rate: 2kHz
- Resolution: 24bits
- Input signal DC offset: $\pm 1000\text{mV}$ IECG, $\pm 300\text{mV}$ ECG
- Accuracy: $\pm 10\%$
- Noise: 100uVpp Unipolar, 40uVpp Bipolar

3. Noise Reducing Transformer

1) Input Voltage: 100, 110/120, 220/240V ~50/60Hz

2) Power Input(nominal)

- Display Workstation: 100 - 240VAC, 50-60Hz@10Amps

- Amplifier: 24VDC@Amps
 - 3) Mode of operation: continuous
 - 4) Dimensions: 4.5(H) x 8.7(W) x 12.0(D) inches
11.4(H) x 21.9(W) x 30.5(D) cm
 - 5) Weight: 10.1kg
4. Field Frame
- 1) Generates the magnetic tracking field during the system procedure
 - 2) Mounted underneath the patient table with one of the Field Frame brackets
 - 3) Dimensions
 - Field Frame: 2.7(H) x 21.9(W) x 18.1(D) inches
6.9(H) x 55.5(W) x 46(D) cm
 - Field Frame adjustable bracket: 5.4(H) x 24(W) x 21.2(D) inches (13.8(H) x 61(W) x 53.9(D) cm)
 - 4) Weight
 - Field Frame: 4.5kg
 - Field Frame adjustable bracket: 1.9kg
5. Contact Force System
- 1) Input Voltage: 100 – 240VAC (Adaptor 12V)
 - 2) Input Frequency: 50 – 60Hz
 - 3) Input Current: 1.1A (Adaptor 1.5A)
 - 4) Output Voltage: 12VDC
 - 5) Output Current: 3.8A
 - 6) Dimensions: 235(H) x 260(W) x 185(D) mm
 - 7) Weight: 4.6kg
6. RF Generator
- 1) RF output power: 1 to 100W adjustable in steps of 1W
 - 2) Impedance range: Measures 50Ω to 300Ω in steps of 1Ω
 - 3) Temperature monitoring: 15°C to 80°C adjustable in steps of 1°C
 - 4) Target temperature: 15°C to 80°C adjustable in steps of 1°C
 - 5) RF delivery time: 1 to 999seconds adjustable in steps of 1second
 - 6) Control mode: Temperature; power
 - 7) Energy delivery mode: Independent, sequential, simultaneous
 - 8) Operating Parameters: Values are digitally displayed on the

generator front panel

- 9) Generator Dimensions: 266.7(H) x 360.68(W) x 363.22(D) mm
10.5(H) x 14.2(W) x 14.3(D) inches
- 10) Generator Weight: 9.98kg (22.01lbs)
- 11) Supply Voltage: 100 - 240VAC, 50/60Hz
- 12) Safety Class: Class I; Type CF according to IEC 60601-1
- 13) Remote Control Console
 - User select/adjust: power; temperature; impedance; time

7. Cooling Irrigation pump

- 1) Mechanism: Peristaltic
- 2) Flow rates
 - Low flow: 1 to 5ml/min (1ml/min increments)
 - High flow: 6 to 40ml/min (1ml/min increments)
- 3) Priming flow rate: 60ml/min
- 4) Air bubble detection: 2uL
- 5) Alarms: Bubble detection, communication lost, door open, pressure sensor not connected, occlusion
- 6) Weight: 3.75kg
- 7) Dimensions: 21(H) x 29(W) x 18.5(D) cm

C. Configurations:

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|---------------------------------|-----------|
| 1. Display Workstation | 1set |
| 2. Amplifier | 1set |
| 3. Noise Reducing Transformer | 1set |
| 4. Field Frame | 1set |
| 5. Contact Force System | 1set |
| - Contact Force RF Cable | 1ea |
| - Contact Force Ethernet Cable | 1ea |
| - Contact Force Power Cable | 1ea |
| 6. RF Generator | 1set |
| - Foot Switch | 1ea |
| - EGM Cable | 1ea |
| - RF Remote Control | 1ea |
| - Remote Control Fiber Cord | 1ea |
| 7. Cooling Irrigation pump | 1set |
| 8. Operation and Service Manual | each 1set |

D. Remarks:

1. The equipment should be installation by contractor.
2. Three years warranty after the installation and correct operation.
3. Manufactured products must be delivered within one year based on the inspection date.
4. Products that are not scheduled to be discontinued within one year after delivery must be delivered.
5. A report must be submitted after conducting a preventive inspection in accordance with the hospital medical equipment inspection regulations within the warranty period.
6. 보증기간 제외품목: 없음