SYS-6010

Infusion Pump

Supports all infusion sets in compliance with ISO 8536-4. Automatic infusion accuracy adjustment. Multiple infusion operating modes. Wireless data transmission (Wi-Fi) with Infusion Central Monitoring System(ICMS). Multiple powers: AC power supply, DC power supply, and built-in battery.

Motorized Door | Touch Button | Motorized Anti-Free Flow | Night Mode | User Defined | Barcode Scanning | Independent Alarm | Voice Communication

Features And Functions:

• Accurate infusion

The SYS-6010 infusion pump adopts a compact peristaltic pump structure that realizes the correct cooperation between parts and enables the peristaltic tablet to move more stably and smoothly, which is different from the traditional loose structure. The emulated pipe guiding device avoids pipe bending and deflection. The infusion control algorithm bases on lots of scientific studies and experiments of engineers. This ensures the stability and accuracy of infusion.

• Reliable and safe

In compliance with European standards and FDA Guidance for Industry and FDA Staff, the SYS-6010 infusion pump integrates strict risk management control. The acousto-optic alarm design complies with electrical medical device standards and supports separate audible alarms. With this design, alarms can be generated in time even if the circuit malfunctions, which enables the patients and medical staff to use the SYS-6010 infusion pumps without any worry.

• Easy- to-use

With the popular touchscreen, beautiful display interface, humanistic color, magnified number display, and simple function menu, the SYS-6010 infusion pump makes infusion simpler and more convenient.

• Motorized Door Mechanism

The SYS-6010 infusion pump adopts the motorized pump door that is designed and produced based on the patent technology. Users can easy operate the pump door to open or close it. The dynamoelectric door enables the sensor to better monitor the status of the pump door and ensures that infusion is supported when the pump door is closed, thereby ensuring the safety of infusion.

• Wi-Fi networking

The SYS-6010 infusion pump is equipped with a built-in Wi-Fi module. The Wi-Fi module is connected to the venoclysis ICMS to monitor the infusion status of patients in infusion rooms and wards in real time to discover infusion problems in time, which reduces the workload of medical staff and ensures safe and reliable infusion. The infusion pump with a built-in Wi-Fi module can easily connect to the clinical information system (CIS) of the hospital.

• Motorized Anti-Free Flow Mechanism

The SYS-6010 infusion pump adopts the motorized anti-free flow mechanism that is designed and produced based on the patent technology. Users can slightly press the infusion stop clamp to stop or resume infusion.

• Voice communication

The voice communication function realizes the real-time communication between patients and medical staff, thereby handling infusion problems in time. In addition, the infusion pump with the built-in voice communication function can make up the traditional nurse call system and enable extra bed patients to enjoy kindnesses from medical staff.

• Night mode

The bright display of the traditional infusion pump causes light interference to patients and medical staff at night and even affects the rest and treatment of patients. In night mode, the SYS-6010 infusion pump can automatically decrease the brightness of the display and the alarm sound, thereby reducing acousto-optic interference without affecting the normal operation.

• Barcode scanning

For standardized clinical treatment, patient information needs to be accurately entered on medical devices. The complex and error-prone traditional information entering mode decreases the working efficiency of medical staff and aggravates the burden. The barcode scanning function makes it simple and easy to enter patient information.

• Automatic maintenance reminder

The infusion pump needs to be maintained periodically. The automatic maintenance reminder function can ensure timely maintenance, thereby saving resources for medical institutions.

• Multiple infusion modes

Flow Rate mode, Drop mode, Time mode, Body Weight mode, and Multi-Rate mode

• Dual-CPU design

Operation display and stepper motor control are implemented by two CPUs, thereby ensuring real-time control and data reliability.

• Anti-Bolus

The pressure is automatically lowered when the occlusion alarm, thereby reducing overdose infusion.

• High values

The product has multiple patents for invention, presenting higher values.