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G5500II Syringe Pump

G5500II is designed for neonatal, pediatric and adult patients in the ICU and OR

Features

- Drug library with all the most used drugs
- History record review and last configuration memory
- Change the flow rate while operating
- Manual bolus and automatic bolus
- Anti-bolus system to reduce significantly bolus after occlusion sudden release
- Micro flow rate of 0.1ml/h and Body weight mode to satisfy the requirement for Neonatal/Pediatric
- Wireless data transmission with infusion supervision system(optional)

Technical Specifications

Syringe Type 5, 10, 20, 30, 50 ml

Operating Mode

1) Flow rate mode, rate range: 0.1 - 1500ml/h (increment 0.1 ml/h), maximum rate value depends on different syringes; preset volume range: 0.0 – 999.9ml

2) Time mode, time range: 1 - 2000min, preset volume range: 0.1-999.9ml

3) Body weight mode, weight range: 0.1 - 300.0kg, drug limit: 0.1-999.9mg, drug unit: mg/g, dose limit: 0.1 – 1500.0,

Accumulated Injection Volume 0.1 - 999.9 ml

Accuracy ±3%

Flow Rate Range 5 ml syringe: 0.1 ml/h - 100 ml/h

10 ml syringe: 0.1 ml/h - 200 ml/h

20 ml syringe: 0.1 ml/h - 400 ml/h

30 ml syringe: 0.1 ml/h - 600 ml/h

50 ml syringe: 0.1 ml/h - 1500 ml/h

Increment 0.1ml/h

Bolus Rate

5 ml syringe: 100 ml/h; 10 ml syringe: 200 ml/h; 20 ml syringe: 400 ml/h;

30 ml syringe: 400 - 600 ml/h adjustable; 50 ml syringe: 600 - 1500 ml/h adjustable

KVO Rate 0.1-5.0ml/h adjustable, 1ml/h as default

Drug library 40 drugs

History record 1500 records (Operation status, Infusion Information, Alarms)

Saved syringe brands 15 brands

Display Screen 3.5 inch B/W LCD

Information Operation Mode, Flow Rate, Accumulated Injection Volume, Syringe Size, Battery Capacity, Bed No., AC power indicator, Battery charge indicator, Stop, Run, Bolus, KVO, Check the Syringe, etc.

Status Indicator Stop, Run, Bolus, KVO

Alarm Type

Finish, Near, Syringe Empty, Syringe Disengaged, Occlusion, Battery Empty, Low Battery, Reminder to Operate, No AC Power, Errors

Occlusion Alarm Pressure Range 3 levels: 70kPa, 100kPa, 130kPa (±30kPa), Level Low as default

Battery Type Lithium polymer battery

Operation Time Up to 3 hours continuous operation @5 ml/h flow rate with standard battery

Up to 5 hours continuous operation @5 ml/h flow rate with optional battery

Environment Temperature 5 – 40 °C for operating; -40 – 50 °C for storage

Air Pressure 86 – 106 kPa for operating; 50 – 106 kPa for storage

Humidity 20 % - 80 % for operating; 10 % - 95 % for storage

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Others Classification Class II, Type BF

Power Supply 100 – 240 VAC, 50/60 Hz

Dimension 310 mm(L) × 125 mm(D) × 115 mm(H)

Weight Approximately 1.8 kg

Waterproof level IPX3