HW-EM201
SYRINGE PUMP

Healthward

Healthier
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HW-EM201

FEATURES
AND HIGHLIGHTS

Accessories: host, remote control, power cord, user manual, warranty card, product certificate.

Application: The main application software is developed on the Linux platform, which is more secure and reliable. The function and technology are completely independently researched and developed, and can fully meet customers' future upgrade needs.

Other Functions: Automatic syringe specification recognition function: can be used for 5ml, 10ml, 20ml, 30ml, 50 (60) ml syringes. The manually adjustable precision function is more convenient for adjusting and ensuring precision requirements

Technical parameters

- Product weight   gross weight 3kg net weight 2.3kg
- Injection modes   speed mode, time mode, weight mode (2 types).
- Injection volume range   0.1～1999.9ml (in increments of 0.1ml)
- Cumulative volume range   9999.9ml (in increments of 0.1ml)
- Accuracy of injection speed
  within ±2% (not including the error of the syringe itself)
- Injection blockage
  Three levels of blockage alarm pressure (high, medium, low) can be selected according to clinical needs
- KVO speed (Keep vessels open)
  0.1～5ml/h (adjustable in increments of 0.1 ml/h)
- Remote Control Function   Distance range 0m--5m
- Working environment   Temperature: +5℃~+40℃
- Relative humidity   20%~ 90%
- Storage environment   Temperature –30℃~+55℃
- Atmospheric pressure   860hPa～1060hPa
- Safety level
  Class I CF equipment, built-in power supply, continuous operation with intermittent loading

Injection speed range：50ml syringe:
0.1～1800ml/h (0.1～999.9ml/h increment is 0.1ml/h
1000～1800ml/h increment is 1ml/h)
30ml syringe: 0.1～900ml/h
20ml syringe: 0.1～600ml/h
10ml syringe: 0.1～300ml/h
5ml syringe: 0.1～150ml/h

Fast forward speed:
50ml syringe: 1800ml/h (Bolus speed 1200ml/h)
30ml syringe: 900ml/h (Bolus speed 600ml/h)
20ml syringe: 600ml/h (Bolus speed 400ml/h)
10ml syringe: 300ml/h (Bolus speed 200ml/h)
5 ml syringe: 150ml/h (Bolus speed 100ml/h)

Alarm function:
alarm for injection completion, syringe empty, injection near, injection blockage, syringe falling off, syringe installation error, battery low (undervoltage alarm), AC power disconnection, stop timeout prompt.

Design
Humanized integrated design, exquisite appearance,precise injection, and powerful functions.

Shell Material
New ABS engineering plastic injection molding.

Screen Design
4.3-inch LCD screen, support Chinese and English language. Equipped with backlight, it can be used in various lighting conditions.The operating interface is presented at a 45-degree angle, which enhances the clarity of the visual effect.

Internal Structure
The aluminum-magnesium alloy bracket is stable and reliable, has good shock resistance and is easy to move.
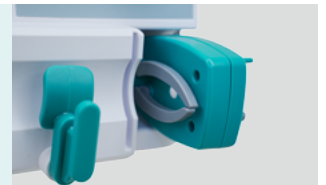

Handle
Fixed handle design, comfortable, stable and easy to move.

Syringe Fixture
Using an open-and-close design, it is easy to clamp the syringe, which can accommodate a 60mm syringe and is more in line with clinical operation.

Operation Interface
Interface display conten: time, battery capacity, injection status, mode, injection speed, injection volume, cumulative volume, injection time, syringe specification, alarm volume, block pressure, precision, weight, medication amount, dose, and liquid volume.

Remote Control Function
It can remotely control devices, directly input numbers to adjust parameters such as speed, infusion time, and medicine volume, which can save time and effort for medical staff.

Clock Display Function
It is convenient to memorize and check time.

Alarm Function
The triple alarm system of sound, light and screen, three levels of adjustable volume.

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General catalogue