

HW-EM215

INFUSION PUMP

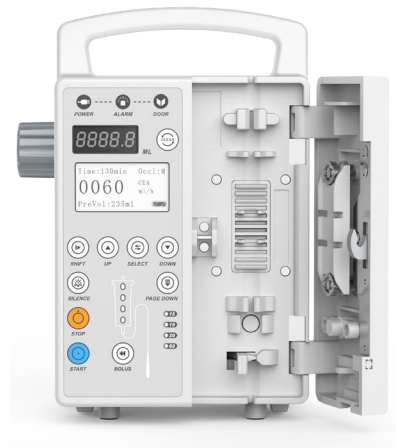


HW-EM215

FEATURES AND HIGHLIGHTS

Technical parameters

Product Size	153mm (L) × 162mm (W) × 227mm (H) Allowable error ± 5%
Product Weight	1.7kg
Mode Selection	drip rate mode, volume mode, time mode
Infusion Set Specification	special or standard disposable infusion set
History recording function, maximum 2000 history can be stored.	
Infusion Rate Range	ml/h Mode: (1 to 1200) ml/h, 1ml/h increment per step Drop/min Mode: (1 to 266) drops/min
Infusion Rate Accuracy	ml/h mode: within ±5% (after calibration)
Drop/min Mode	within ±3% (after calibration)
Mechanical Accuracy of Infusion Pumps	within ±2%
Rapid Infusion Rate	100 ml/h~1000 ml/h (100 ml/h per step increment)
KVO Speed	1ml/h~5ml/h (each increment is 1ml/h)
Infusion volume	1ml~9999ml
Cumulative Infusion Volume	0ml~9999.9ml
Blocking alarm threshold	Height: 800mmHg±200mmHg (106.7kPa±26.7kPa) Medium: 500mmHg±100mmHg (66.7kPa±13.3kPa) Low: 300mmHg±100mmHg (40.0kPa±13.3kPa)
Alarm	Infusion completed, pipeline blocked, door opened, air bubbles, battery low, etc.
Power Supply	220VAC, 50Hz; built-in battery: 11.1V rechargeable lithium battery pack, capacity ≥1600mAh; after the new battery is fully charged, the infusion pump can work continuously for more than 4 hours at a rate of 25ml/h.
Bubble Detector	ultrasonic detection mode, detection sensitivity ≥25μL.
Fuse	specification T2AL/250VAC, quantity 2, installed in infusion pumps
IP Rating	IPX2 splash-proof equipment
Safety Class	Class I, internal power supply, CF type continuous operation equipment



Operating environment conditions: a) Ambient temperature range	+5°C~+40°C
b) Relative Humidity	20~90%
c) Atmospheric Pressure Range	86.0KPa~106.0 KPa
Transportation and storage conditions: a) Ambient temperature range	-20 °C ~ +55 °C
b) Relative humidity	≤93%

Working principle

A high-precision intelligent infusion pump that achieves precise control of the stepper motor through a microprocessor, drives the mechanical transmission mechanism, and induces the motion of the peristaltic squeezing plate. It works in conjunction with the squeezing plate to accurately control the infusion rate. Various sensors are employed to monitor and control the infusion process.

Functions

Operation interface	High-capacity operating instructions, friendly user interface, dynamic display of working status.
Voice prompt	Unique vocal voice alarm with fault voice reporting prompts.
Alarm function	Sound, light and screen triple alarm system with eye-catching function.
Power-On Self-Test	The system self-test is completed at power-on to ensure safe working.
Low noise	Motor driver IC imported from Germany and motor imported from Japan with low noise and vibration.
Other Function	<ul style="list-style-type: none"> Advanced Bolus technology to minimize patient discomfort. Ultrasonic bubble detection technology to closely monitor air bubbles in the infusion tube.

Design

The overall humanized design is concise, compact and lightweight, and has obvious advantages in rescuing critical cases and reducing the labor intensity of nursing work.



Internal Structure

It adopts aluminum-magnesium alloy bracket, which is stable and reliable, with good shock resistance and easy to move.



Shell material

Brand new ABS engineering plastic mold injection molding.



Handle

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



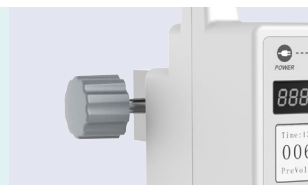
Screen design

2.5-inch, LCD liquid crystal display, support multi-language display. Digital tube display (display cumulative infusion volume).



Hanging bracket

The sturdy screw mount allows for securing the infusion pump on the wall or a vertical post.



Infusion line

Excellent KVO function (Keep vessels open) keeps the infusion lines open.



Battery

11.1V rechargeable lithium battery pack, capacity $\geq 1600\text{mAh}$. With a fully charged new battery, the infusion pump can continuously operate at a rate of 25ml/h for over 4 hours.



Infusion line

Excellent KVO function (Keep vessels open) keeps the infusion lines open.



Healthward

As the circumstance of printing, the photos might have minor difference on color, tactile from real products.
As the update of design and improvement, parameters and outlook of products might change, thanks for understanding.



 17800 CASTLETON ST STE 180.CITY OF INDUSTRY CA 91748

 +1 (603) 416-3063 ·  24/7

 export@health-ward.com

 www.health-ward.com



General catalogue