

Syringe Pump SP-200

IV



I.V. Therapy

SP-200

Infusion Pump

IV Therapy

Advanced® SP-200 functions with a range of standard, single use, disposable syringes of various types and accepts sizes of 10ml, 20ml and 50ml and can administer fluids

Advanced SP-200 could be widely used for various departments of hospitals, such as medicine department, department of pediatrics, department of gynecology and obstetrics, oncology, neurology, ICU and CCU.

Features

Touch Screen LCD Display 4" TFT.

VTBI: 0.01-9999 ml.

Flow rate range: 0.01-1500 ml/h.

KVO Rate: 0.01-5.00 ml/h adjustable.

The increment is 0.01 ml/h.

Manual bolus and automatic bolus.

Can be integrated into Docking Station.

Database: Can record no less than 4000 history logs .

Can add the edit the name of syringe brands on the pump without connect to any external device.

Screen Brightness is adjustable in 10 levels.

The alarm volume is adjustable in 10 levels.

Occlusion alarm: 4 levels adjustable.

Pressure unit: 4 kinds selectable.

The alarm information can be displayed in the form of text, sound and image at the same time.

AC Power Supply: 220-230V / 50 – 60Hz.

Rechargeable Lithium Battery t least 12 hours at 5 ml/h.

Battery capacity can be showed in percentage on the screen.

Charging time : Less than 6 hours.

Syringe positioning detection .

Wireless LAN (optional)

Standby function.

Drug Library. protection: IP24

Meets ISO 13485 Quality Standard.

2 year warranty.



2 YEARS
warranty

Technical Specifications

Physical Specifications	Dimensions Weight	400(L)*99(W)*120(H) mm Approx 1.7kg
Display	Resolution Touch Screen	4.3 " TFT Color Yes
Specifications	Working Principle Applicable Syringes Concentration Infusion Modes Micro Mode Rate Range Accuracy Change Rate Running VTBI(volume to be infused) Volume Infused Dose Rate Units KVO Rate Purge Bolus Anti-bolus Occlusion Level	Stepper motor lead screw operation Open system to use univeral syringes (5ml,10ml, 20ml, 30ml, 50ml/60ml) Calculate Automatically 7 modes(ml/h, body weight, TIVA, loading dose, Ramp up/down, sequence, and relay mode) 100ml/h to 1200m/l, Programmable 0.01-1500 ml/h (depending on syringe size) with min. increment 0.01ml/h ±2% Support 0~9999ml 0~9999ml More than 15 types 0.01~5.0ml/h, Default Value is 1ml/h 100-1500ml/h(depend on syringe size) Manual Bolus and Programmable Bolus Support 12 Levels
Alarm Information	Audible and Visible	VTBI Infused, Pressure high, Battery empty, KVO finished, Syringe empty, Check syringe, System error, VTBI near end, Syringe near empty, Battery near empty, no battery inserted, Reminder alarm, Standby time expired, No power supply
Technical	Drug Library Drug Units History Record Other Functions Voice Volume Display Brightness Contrast Dynamic Pressure Night Mode Standy Screen Lock Password Protect Languages	More than 2000 items ug, mg, g, u, ku, iu, eu, mmol, mol, kcal More than 5000 Records Nurse call, RS232,Data Export. 10 Levels 10 Levels Support Support Support Support Support Support English, Spanish, French, Portuguese, Dutch
Power	Supply Battery Operating Time Charging Time	DC:15V AC:100/240V, 50/60HZ, 50VA 11.1V Rechargeable Lithium polymer battery 2600mAh 12 hours at 5ml/h 5 hours under OFF state
Environment	Temperature Atmospheric Pressure	5~40°C, H: 10%~95% 86.0kPa~106.0kPa
Type	Classification Water Proof	Class I,CF equipment IP 24
Conection	WiFi Interface	Optional Mini USB

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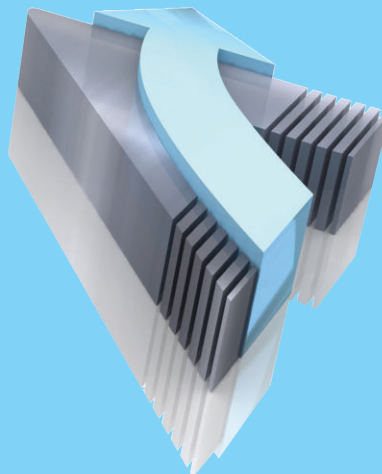
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Advanced Instrumentations manufactures leading medical technology equipment in the areas of anesthesia, cardiology, operating room, gynecology and obstetrics, IV therapy, patient monitors, hospital furniture, neonatology and ultrasound. We deliver to the healthcare industry the highest-quality standards, reliability, and patient safety in all our products through effective, and rigorous testing procedures by our own department of Biomedical Engineering in the United States. All of our equipment comes with 2 years warranty and excellent post-sale support services.

Advanced Instrumentations Inc. complies with the requirements of the ISO standards 13585-2016 following the audit by one of the most prestigious global certification companies, as it is the SGS. We comply with the requirements and are audited by the US Food and Drug Administration (FDA) an entity of the Health and Human Services of the United States of America. These certifications are the result of dedication and commitment to excellence in our products and services.



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