

## BS-2106 Stackable Syringe Pump



### > Application:

1. Continuous Microinfusion in ICU and CCU.
2. Maintenance therapy microinfusion and blood transfusion in premature infants and neonates.
3. Injections of hormones.
4. Continuous injection of anesthetics.
5. Injection of oxytocics.
6. Injection of anticoagulants during dialysis and extracorporeal blood circulation.
7. For anti cancer drugs.

### > Features:

1. Available for more drugs of vein.	It can process the intravenous injection with different drugs according to the clinical needs.
2. No Limit for Syringe Options.	Suitable for Syringe of 10 ml, 20ml, 30ml, 50/60ml and automatically identify the syringes of the different volume.
3. No Limite for Syringe Drive Systems	Delivery drugs independently and cooperatively for one or one more patients without any influence on each other. The combination of functions is more suitable for various hospitals and medical personnel.
4. 3 Operation Mode.	1. Flow rate controlled infusion mode (with <b>Avoidrupois mode</b> ) 2. Volume and Time Controlled Infusion. 3. TIVA Mode (Total Intravenous Anesthesia Infusion Mode)
5. 7 Flow Rate Units for options	ml/h, mg/h, ug/h, mg/kg/h, mg/kg/min, ug/kg/h, ug/kg/min. ----Free from artificial conversion.
7. 7 Audible and Flashing Alarms	Syringe disengaged, Empty of syringe, Occlusion, Near empty of syringe, End of infusion, AC Power-failed, Low voltage.
8. Innovative TIVA Mode	As an innovation of Flow Rate Controlled infusion function, TIVA Mode can simulate the function of total intravenous anesthesia infusion under Target Controlled Infusion Pump.
9. Avoidrupois Mode	Without artificial conversion, Avoidrupois Mode could be available for 24 drugs.
10. Special Excessive Pressure Alarm	According the need of clinic, adjust the pressure alarm to improve the safety of infusion.
11. Data sharing with PC	RS-232 Interface Enables the history data to be transmitted from pump to PC.

### > Specification:

Syringes Available	10 ml Syringe	Automatically identify the syringes of different volume.	
	20 ml Syringe	Automatically identify the syringes of different volume.	
	30 ml Syringe	Automatically identify the syringes of different volume.	
	50(60)ml syringe	Automatically identify the syringes of different volume.	
Flow Rate	Injection Appliance	Flow rate Range	Bolus infusion
	10 ml Syringe	0.1~300ml/h	300ml/h
	20 ml Syringe	0.1~600ml/h	600ml/h
	30 ml Syringe	0.1~600ml/h	600ml/h
	50(60)ml syringe:	0.1~1200ml/h	1200ml/h
Accuracy	±3% (capacity>2.0ml,flow rate >1.0ml/h, after pre-filling)		
KVO (Keep Vein Open)	Transfer to the KVO Injection automatically when the pump stopped.		
Audible and flashing alarms	1. Syringe disengaged, 2. Empty of syringe, 3. Occlusion, 4. Near empty of syringe, 5. End of infusion, 6. AC Power-failed, 7. Low voltage		
Display	192*64 pixel LCD Screen with convenient operation interface.		
Non-volatile memory	The pump memories all the setup parameters and history data of the last infusion.		
Operating conditions	Ambient Temperature:	5℃~40℃	
	Relative Humidity (RH):	≤80%	
	Power supply:	AC 220 V±22V 50 Hz ±1Hz;	
	DC:	12V battery can use for 3 hours after charged for more than 10 hours.	
	Atmospheric pressure:	860~1060hPa	
Dimension & Weight	Dimension (mm):	214*134*94	
	Weight (kg):	2.2	
Safety Classification	Class II & BF (internal battery)		

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