

BS-2205

Stackable Target Controlled Infusion Pump



>Application:

1. Hypnotic and analgesic drugs used in anaesthesia. Infusion devices for the delivery of the iv hypnotic, propofol and the short acting analgesic, remifentanyl are currently available.
2. Antibacterial agents used in the critical care environment.
3. Antifungal agents used in the critical care environment
4. Anticancer chemotherapeutic agents
5. Inotropic agents used in cardiac surgery and coronary care units
6. Antiarrhythmic agents used in coronary care units and other critical care areas.
7. Short acting beta-blocking agents for control of heart rate intraoperatively or in the ICU.

>Features:

1. Support Both Stationary and Mobile Use.	
2. Convenient Operation of Parameter Setting	
3. Individual Module but Integrated Design	You can combine the required number of pumps together into one handy stackable unit.
4. 4 Operation Mode.	1. Plasma TCI (target controlled infusion) mode, 2. Effect site TCI mode, and 3. Flow rate controlled infusion mode. 4. Avoirdupois 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.
6. 11 Drugs Available	Fentanyl, Alfentanil, Sufentanil, Midazolam, Propofol, Etomidate, Vecuronium, Atracurium, Rocuronium, Remifentanyl, Ketamine.
7. Drug Administration	Take the plasma concentration or the effect site concentration as the target.
8. Closed Loop Feedback TCI Mode	compensation for the individual difference of pharmacokinetic model.
9. Special Bolus Infusion	Getting through the period of irritation of patient safely and smoothly.
10. Multi-grade Induction	Avoid side-effect of continuous infusion.
11. Children Pharmacokinetic Model	The parameter of Children Pharmacokinetic Model.
12. Real-time Data Storage in PC	Through RS-232 interface, it can export it data to connected PC in real-time, and memory the last infusion data even if the AC Power is failed supplying.

>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)		
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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