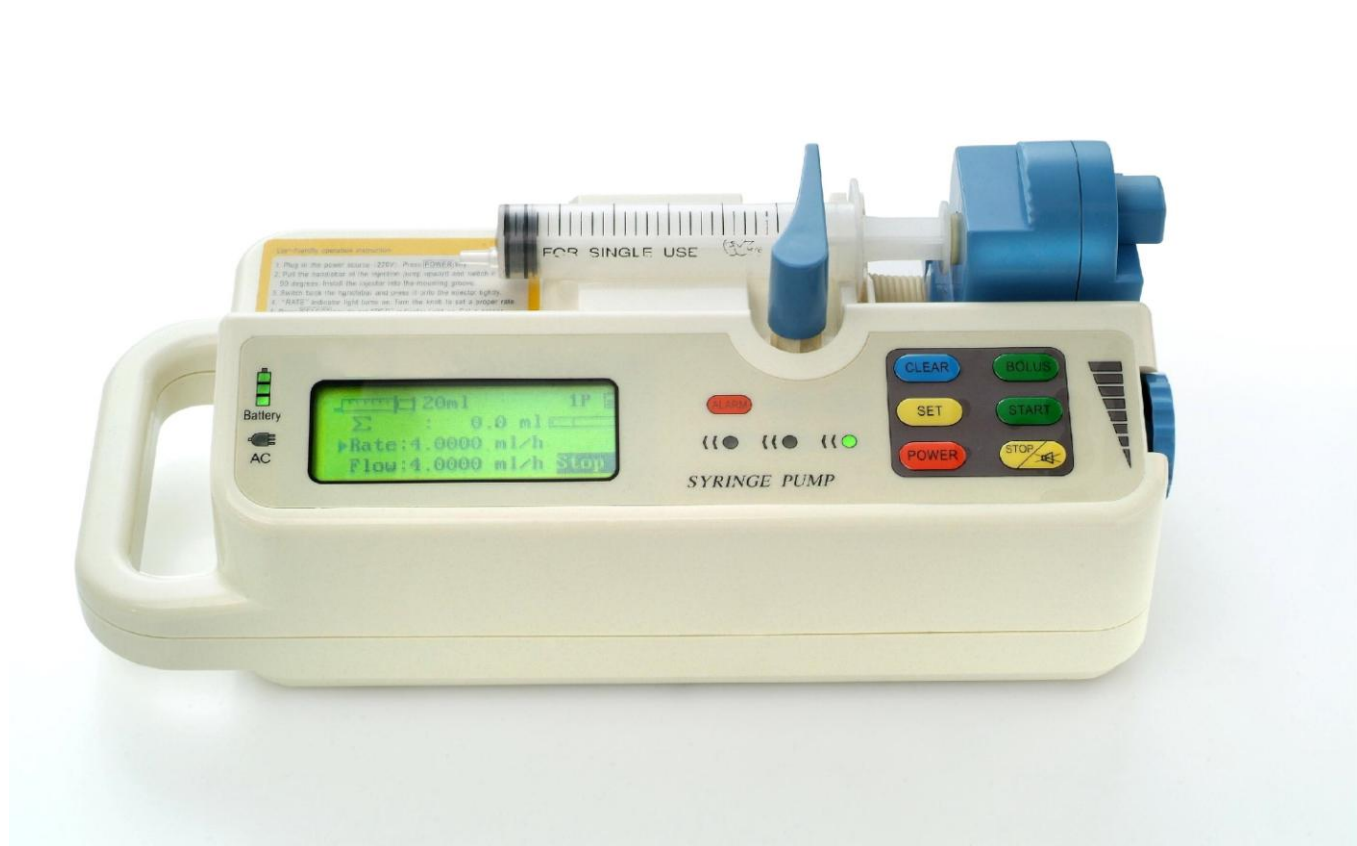


500II Syringe Pump Specifications



Function and Features

- Three kinds of modes: Rate Mode, Time Mode, Body Weight Mode.
- Double CPU, making the process of injection safer and more reliable.
- Accurate and sensitive pressure sensor detecting occlusion pressure accurately.
- Injection time, dose, solution can be checked during the process of injection.
- Precision step motor. There is no pulsating wave even during low-rate injection.
- KVO rate can be selectable according to concrete requirements from 0.1ml/h to 5ml/h.
- Excellent injection operation. The accuracy will be ensured even at small-volume injection.
- Unique injection supervision system ensures the safe injection and reduces the nurse's workload.
- Accept all standard syringes of 5ml, 10ml, 20ml, 30ml and 50ml. It will self-diagnose and display the syringe size and set parameter automatically in the form of menu.
- Alarm is given when there is malfunction or operation error, and the machine stops running automatically.
- Save the preset volume automatically when there is unpredictable switch off, ensuring the accuracy of injection volume.

Technical parameters of 500II Syringe pump

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Applicable syringes	All brands of standard syringes: 5ml,10ml,20ml,30ml,50ml	Weight	<3.0kg
Accuracy	±2%	Dimension	380×190×180mm
Injection increment	0.1ml	Power supply	AC100~240V, 50/60Hz
Occlusion value	40kPa~160kPa	Fuse	T2AL250V~
Injection rate	5ml: 0.1 ml/h -100ml/h 30ml: 0.1 ml/h -600ml/h 10ml: 0.1 ml/h -200ml/h 50ml: 0.1 ml/h -1500ml/h 20ml: 0.1 ml/h -400ml/h	Maximum power consumption	25W, can run for 4h after being recharged
Accumulated injection volume	0.1ml~9999.9ml	Battery	Rechargeable lithium polymer battery, 7.4V, 1600mAh
Modes of operation	Selectable: Rate mode, Time mode, Body Weight mode	Battery recharge	When the pump is connected to the AC power supply, turn on the power and the battery will automatically recharge (about 8~14 hours to recharge fully.)
Time mode	Volume limit: 0.1~999.9ml Time: 1~2000 minutes	Electrical safety	Comply with the stipulation of IEC60601-1: 1996
Body weight mode	Drug limit:0.1~999.9mg, Solution limit:0.1~999.9ml, Weight: 01~300.0kg, Dose: 0.1~9999.9 mg/kg/h, ug/kg/min	Electromagnetic compatibility	Comply with the stipulation of IEC60601-1-2: 2006
Displayed information	Rate, volume limit, accumulated injection volume, syringe size, pressure value, battery capacity, unit of medical dosage, bed No., AC power indicator, battery charge indicator, drug name, bolus rate	Shell material	ABS plastic
Alarm function	OVER, NEAR, Occlusion, Low battery, Syringe disengaged, No AC power supply, serious low battery	Classification	II Class-BF
KVO rate	0.1ml/h-5.0ml/h (selectable)	Operating conditions	Environment temperature 5°C ~40°C, air pressure 80kPa ~106kPa, relative humidity ≤80%
Bolus rate	5ml: 100ml/h 10ml: 200ml/h 20ml: 400ml/h 30ml: 400ml/h-600ml/h 50ml: 400ml/h-1500ml/h	Storage conditions	Environment temperature -40°C~55°C, air pressure 50kPa ~106kPa, relative humidity ≤95%
		Applied standards	IEC60601-1: 2005 IEC60601-2-24: 1998 IEC60601-1-2: 2006 ISO780-1997 ISO15223: 2000 ISO7886-1: 1993 ISO / IEC: Guide No. 37 《 Consumer Goods Usage Instructions》

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