

## 500I Syringe Pump Specification



### Function and Features

All standard syringes of 10ml,20ml,50ml are compatible.

The machine diagnoses the syringe size automatically, and with a simple syringe specification setting, the syringe pump can guarantee an accurate and safe injection.

Unique function of bedside injection supervision which makes patients and their relatives as well as nurses more assured.

Excellent injection function and operation. Even small-volume injection is accurate.

Double CPU system ensures safe and reliable injection process.

Driven by precision step motor, no pulsating waves shall occur during even low-rate injection.

Accurate and sensitive pressure sensor detects occlusion pressure accurately.

Alarms are given in case of malfunction or operation error and the machine stops operation automatically.

### Technical Parameters of 500I Syringe pump

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Dimension	288*130*122mm	Maximum weight	<3.0kg
Fuse	220V2A*2, 12V2A*2	Maximum Power consumption	25VA,running more than 5h after being fully charged.
Power supply(city electricity)	50/60HZ AC100V~240V	Injection increment	0.1ml/h
Size of Syringes	10ml,20ml,50ml	Injection accuracy	±3%
Feasible injection rate range	10ml:0.1~100ml/h 20ml:0.1~200ml/h 50ml:0.1~500ml/h	Bolus	The fastest rate of the size of syringe in use
Electrical safety	Comply with the requirement of GB9706.1-1995,EN60601-1 and UL60601-1	Displayed information	Rate, accumulated injection volume, Syringe size Battery capacity, Bed No.,Ac power indicator, Battery charge indicator
EMC (Electromagnetic compatibility)	Comply with the requirement EN60601-1-1,EN60601-2-24	Operating conditions:	Environment temperature 5~45°C.air pressure 70~106kPa, relative humidity30%~90%
Alarm functions	Near, Over,OCCL.,low battery, syringe installation error, control abnormal, machine malfunction	Accumulated injection volume	0~999.9ml

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