Syringe Pump
Model: M301A

Features :

- 10 types of working mode: Volume / Simple Rate / Micro / Program / DOSE Weight / Drug Lab. / Manual Bolus / Auto Bolus.

- Automatic identification of 5ml, 10ml, 20ml, 30ml, 50ml/60ml.

- Monitoring and controlling safety technology for the needle loose caused the pressure of syringe rapidly drop.

- Support changes the Rate, Time, Dose, VTBI & other important parameters during working.

- Built-in 200 kinds of drugs, covering the clinical use of the drug dose of 54 units on the library.
- Convenient & flexible combined by 1-3 units pump.

- Advance alarm system for Pre-alarm of end infuse, Pre-alarm of high pressure block to meet the needs of special treatment.

Specifications

Mode	With Drug Lab OR without Lab
Drug Laboratory	Built-in 200 kinds of drugs, covering the clinical use of the drug dose of 54 units on the library, and could be connect with the PC for edit; export & import if it come with Drug Lab.
Modes	Rate/VTBI、Time/VTBI、Rate/Time、Micro、Simple Rate、Programmable、DOSE Weight、Drug Lab、Auto Bolus、Manual Bolus.
Syringe	Open System for 5ml、10ml、20ml、30ml、50ml/60ml.
Management	could add / remove / edit / calibrate more than 50 kinds brand syringes
Accuracy	≤ ±2%, Built-in： ≤ ±1%
Rate	5ml syringe: 0.01-150 ml/h 10ml syringe: 0.01-300 ml/h 20ml syringe: 0.01-400 ml/h 30ml syringe: 0.01-600 ml/h 50ml (60 ml compatible) syringe: 0.01-1200ml/h
VTBI	0.1～9999 ml
KVO	0.1～20ml/h Adjustable, Default： 1ml/h
BOLUS	Manual Bolus : long Press the Bolus key to infuse and release to stop Auto Bolus : short press the Bolus key and set the VTBI & Rate
Pressure	200mmHg - 1200mmHg, 20 level, live pressure display, mmHg & kPa two units
Parameters Modify	Maximum 8 steps of different syringe rate / time / VTBI
History Record	Record 20000 infuse records, 10000 alarm records, customer can be downloaded to the computer to save.
Alarm	Occlusion, Finish, Near Finish, Pause timeout, Pusher error, Lower Battery or damage, Motor error, Incorrect syringe type, handle clip error, parameters error and etc. 20 kinds safety monitoring alarm
Monitor	High brightness color LCD, Adjustable brightness
Class	Class I, Type CF, IPX4
Battery	Ni-MH battery, DC9.6V, 2000mAh (after full charged, could continue work more than10 hours by 5ml/h rate)
AC Power	100V ~ 240V, 50Hz/60Hz, 25VA
Environment	5◦C - 40◦C; 20% - 90% humidity; 70kPa ~ 106kpa atmospheric