



## AB-100S SYRINGE PUMP

### FEATURES:

- Open system: Accepts all standard syringes of 5ml, 10ml, 20ml/30ml, 50ml/60ml.
- Built-in three type of syringe brands: Dispovan, Romsons, BD
- 3.5 inch large COLOR LED display
- KVO/Bolus function.
- Anti-bolus system to reduce significantly after occlusion sudden release.
- Three levels of Occlusion Pressure Alarm.
- Three work modes: Rate Mode, Time Mode, Dose Mode
- Identify the specifications of syringe automatically.
- Audible and visual alarm: Loose, Error, Occlusion, Empty, Near Empty Battery Empty, Low Battery, Infusion Complete, Standby
- Freely Stackable: Users can freely stack one syringe pump onto another to provide multiple solutions
- Power lost memory.
- Visual and audible alarm system and accurate injection rate make the injection process safer and reliable.
- 6-8 Hours Internal Li-Battery continuous operation.
- Accurate and sensitive pressure sensor detects occlusion pressure accurately.
- Excellent injection operation. The accuracy will be ensured even at small-volume injection.

### TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Applicable syringes	5ml,10ml,20ml,30ml,50ml, 60ml of any standard
Built-in syringe brands	Dispovan, Romsons, BD
Accuracy	+/- 2% with correct calibration
Rate mode	50ml(60ml): 0.1ml/h-2000.0ml/h (0.1ml/h or 1ml/h step) 30ml : 0.1ml/h-1200.0ml/h (0.1ml/h or 1ml/h step) 20ml : 0.1ml/h-800.0ml/h (0.1ml/h or 1ml/h step) 10ml : 0.1ml/h-400.0ml/h (0.1ml/h or 1ml/h step) 5ml : 0.1~200ml/h (0.1ml/h or 1ml/h step)
Time Mode	SOL. VOL:0.1-9999.9ml (0.1ml step) TIME: 00:01-99:59min (1min step)
Dose Mode	Volume: 0.1-999ml (0.1ml step) DRUG MASS: 0.1-999mg 0.1mg step DOSE: 0.01-9999ug/kg/min (0.01ug/kg/min step) WEIGHT: 0.1-300kg(0.1kg the least step) Dose unit: ug/kg/min, mg/kg/h
Total Volume Range	0.1-9999ml (0.1 ml step)
Purge Rate	50ml(60ml): 1800.0ml/h, 30ml: 1200.0ml/h, 20ml: 800.0ml/h 10ml: 400.0ml/h, 5ml:200ml/h
KVO Rate	KVO is 3ml/h when the delivery rate $\geq$ 3ml/h, otherwise KVO is the actual delivery rate.
DPS dynamic pressure	Three levels setting LOW (60( $\pm$ 15) kPa), MEDIUM (90( $\pm$ 15)kPa) or HIGH (120( $\pm$ 15)kPa)
Alarms	Syringe Loose, Error, Occlusion, Empty, Near Empty Battery Empty, Low Battery, Infusion Complete, Standby Three levels of alarm volume LOW, MEDIUM or HIGH
Bolus Rate	5ml: 0.1~200ml/h, 10ml:0.1-400ml/h, 20ml:0.1-800ml/h, 30ml:0.1-1200ml/h, 50ml(60ml):0.1-2000ml/h Programmable and adjustable
Bolus Volume	Range: 1.0~50.0ml, (0.1ml step)
Power Source	AC power supply: AC 100 to 240V (+/-10%), 50/60Hz; DC Power supply: 12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAH. 6-8 hours of continuous operation
Accessories	AC power line, Operational manual
Protection Class	Class I, Type CF, IP44
Dimension / N.W	240mm*150mm*117mm, 2.0kg
Packing size/ G.W	300mm*260mm*160mm, 3.0kg

\*Specifications are subject to change without notice