

Syringe Pump BSP-100



- 4.3" Large LCD screen, with different colors show.
- With LCD backlight, can use in various lighting conditions.
- Time display, convenience for show and time memory.
- Simultaneous display: Time, Battery, Injection State, Mode, Speed, Injection volume and time, Syringe Size, Alarm sound, Block, Accuracy, Body weight, Drug, dose and liquid amount
- Remote control function, can adjust speed, time, volume and drug amount directly, easier operation, save doctor and nurse's time
- Advanced technology, mainly based on Linux system, more safe and steady.
- All technical are designed by ourself, further update is available.
- Multi injection modes: V mode, T mode, and body weight mode
- Alarm: including all abnormal conditions alarm system, with visible, audible and details show on the screen.

BSP-100

Specification

Rate Range

50ml syringe : 0.1~1800ml/h (0.1~999.9ml/h step :0.1ml/h)
30ml syringe :0.1~900ml/h 1000~1800ml/h step : 1ml/h)
20ml syringe :0.1~600ml/h
10ml syringe :0.1~300ml/h
5 ml syringe :0.1~150ml/h

Volume Limit

0.1~1999.9ml (step: 0.1ml)

Accumulated Volume

9999.9ml (step: 0.1ml)

Accuracy

Within $\pm 2\%$

Purge Rate

50ml syringe: 1800ml/h (Bolus rate: 1200ml/h)
30ml syringe:900ml/h (Bolus rate: 600ml/h)
20ml syringe:600ml/h (Bolus rate: 400ml/h)
10ml syringe:300ml/h (Bolus rate: 200ml/h)
5 ml syringe:150ml/h (Bolus rate: 100ml/h)

Alarm

Liquid volume nearly alarm, Liquid Injection Finished Alarm,
Doses injection finished Alarm, Occlusion Alarm,
syringe off Alarm, syringe non-installed correctly alarm,
Low battery alarm, Power off Alarms

Occlusion

Three levels for Occlusion: High, Middle, Low

KVO Rate

0.1~5ml/h (adjustable, step: 0.1 ml/h)

Fuse

F1AL/250V ("F" indicate fast, low breaking capacity) ,
2 pcs (installed inside pump) .

Power Supply

100~220V,50Hz, Built in Rechargeable battery,
11.1V,Capacity ≥ 2000 mAh,After charging 10 hours,
it can work at 5ml/h(GB 9706.27-2005 average rate)
about 4 hours.

Working Surrounding

Temperature: + 5 °C~+40 °C

Humidity: 20%~90%

Storage Surrounding

Temperature : - 30 °C~ + 55 °C

Humidity : $\leq 95\%$

Atmosphere Pressure

860hPa~1060hPa

Safe Class

I Type CF devices , Internal Battery, Intermittent Load
Continuous working

Size

282mm (L) × 210mm (W) × 148mm (H)

Weight

2.2Kg

Accessories

Pump, Remote Controller, Power line, user manual,
Guarantee card, Certificate

