

OSP-500 Syringe Pump



Devote to life technology

OSP-500 Syringe Pump

Features

- 4.3" color segment LCD screen, backlight display, can be used in various lighting conditions
- Simultaneous display: Time, Battery indication, Injection state, Mode, Speed, Injection volume and time, Syringe size, Alarm sound, Block, Accuracy, Body weight, Drug dose and liquid amount
- Speed, time, volume and drug amount can be adjusted via remote control, easier operation, save time of doctor and nurse
- Advanced technology, based on Linux system, more safe and steady
- Multi injection modes: Volume/Time/Body weight mode
- Visible and audible alarms cover all abnormal conditions

Technical Specification

Injection Rate Range

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

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)

Mechanical Precision

Within±2%

Preset Volume Range

0.1~1999.9ml

Occlusion Alarm Threshold

High: 800mmHg ± 200mmHg (106.7 kPa ± 26.7kPa)
Medium: 500mmHg ± 100mmHg (66.7 kPa ± 13.3kPa)
Lower: 300mmHg ± 100mmHg (40.7 kPa ± 13.3kPa)

KVO Rate

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

Fuse

F1AL/250V
2 pcs (installed inside pump)

Power Supply

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

Environment Requirement:

Operation:

- a) Ambient temperature: +5°C~+40°C
 - b) Relative humidity: 20%~ 90%
 - c) Atmosphere Pressure: 86.0~106.0 (kPa)
- ##### Transportation & Storage:
- a) Ambient temperature: -30°C~+55°C
 - b) Relative humidity: ≤95%
 - c) Atmosphere Pressure: 50.1~106.0 (kPa)

Alarm

Near, Injection finished, Preset dose injection finished,
Occlusion, Syringe off, Syringe dislocated, Low
battery, AC power off

Safe Class

Class I Type BF

Size: 282mm (L) ×210mm (W) ×148mm (H)

Weight: 2.2Kg