



OSP-500D Syringe Pump



Devote to life technology

OSP-500D 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