

MEDECO Syringe Pump OSP-500



1. 4.3" color segment LCD screen, backlight display, can be used in various lighting conditions
2. 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
3. Speed, time, volume and drug amount can be adjusted via remote control, easier operation, save time of doctor and nurse
4. Advanced technology, based on Linux system, more safe and steady
5. Multi injection modes: Volume/Time/Body weight mode
6. 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)
5ml 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 $\pm 2\%$

Preset Volume Range

0.1~1999.9ml

Occlusion Alarm Threshold

High: 800mmHg \pm 200mmHg (106.7kPa \pm 26.7kPa)

Medium: 500mmHg \pm 100mmHg (66.7kPa \pm 13.3kPa)

Low: 300mmHg \pm 100mmHg (40.7kPa \pm 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 $\geq 2000\text{mAh}$; by charging 10 hours, it can work at 5ml/h (GB 9706.27-2005 medium rate) for 4 hours

Environment Requirement:

Operation: a) Ambient temperature: $+5^{\circ}\text{C}\sim+40^{\circ}\text{C}$

b) Relative humidity: 20%~ 90%

c) Atmosphere Pressure: 86.0~106.0 (kPa)

Transportation & Storage: a) Ambient temperature: $-30^{\circ}\text{C}\sim+55^{\circ}\text{C}$

b) Relative humidity: $\leq 95\%$

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) \times 210mm(W) \times 148mm(H)

Weight

2.2Kg