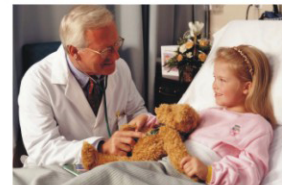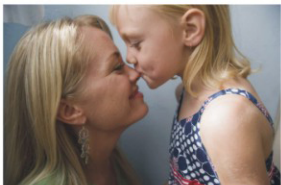# ESP-700
Syringe Pump

- 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 avaiable.
- 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.

ESP-700

Technical Specifications

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±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 ≥2000mAh;After charging 10 hours,
it can work at 5ml/h(GB 9706.27-2005 average rate）
about 4 hours.

Working Surrounding

Temperature: + 5℃~+40℃
Humidity：20%~90%

Storage Surrounding

Temperature : - 30℃~ + 55℃
Humidity : ≤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

ECOMED

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