



ESP – 300

One Channel Stackable Syringe Pump



Three Work Modes:

Rate Mode, Time Mode and Weight Mode

Convenient Battery Power Source:

Unique energy saving polymer lithium battery inside,
Minimum 6 hours continuous work in high capacity

Features:

- * ICU Infusion Workstation:
Combines four Syringe pumps and one Infusion pump with the infusion support into one ICU infusion Workstation, sharing a power Interface.
- * Stackable to be the maximum 8 channels
- * Transfer the message between the nurse-call system and the pumps.
- * Three work modes: Rate mode, Time mode and Weight mode.
- * Unique color LCD
- * Maximum Infusion rate at 1800.0ml/h
- * Bolus function



Specification:

Compatible Syringes	5ml,10ml, 20ml(30ml),50ml,60ml of any standard
Accuracy	±2% with correct calibration
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Delivery Rate Range	5ml: 0.1ml/h ~ 200ml/h (0.1ml/h step) 10ml: 0.1ml/h ~ 400ml/h (0.1ml/h step) 20ml: 0.1ml/h ~ 800ml/h (0.1ml/h step) 30ml: 0.1ml/h ~ 800ml/h (0.1ml/h step) 50ml(60): 0.1ml/h ~ 1800ml/h (0.1ml/h step)
Time Mode	Sol. Vol.: 0.1 ~ 999.9ml (0.1ml step) Running Time: 1 ~ 1999 min (1 min step)
Body Weight Mode	Sol. Vol.: 0.1 ~ 199.9ml(0.1ml step) Drug Mass: 0.1 ~ 999.9mg (0.1mg step) Dose: 0.01 ~ 99.99ug/kg/min (0.01ug/kg/min step) / 0.01 ~ 99.99mg/kg/h (0.01mg/kg/h step) Weight: 0.1 ~ 300kg (0.1kg per least step)
Volume Limit Range	0.1 ~ 1999.9 (0.1ml step)
Total Volume Range	0.1 ~ 1999.9 (0.1ml step)
Perge Rate	5ml : 200ml/h 10ml: 400ml/h 20ml : 800ml/h 30ml: 800ml/h 50ml(60ml): 1800ml/h
KVO Rate	1ml/h
Alarms	Near empty, Syringe Empty, Volume complete(when limit volume has been set), Occlusion, Syringe loose, Operation errors, Low battery voltage and device failures.
Bolus Rate	10ml:10 ~ 300ml/hr; 20ml(30ml):10 ~ 600ml/hr; 50ml(60ml):10 ~ 1200ml/hr
Bolus Volume	Maximum of 25 ml
Interface	RS-232
Power Source	AC power supply:AC100 to 240V±10%, 50/60Hz; Internal Li Battery:11.1V,2000mAh, Approximately 8 hours of continuous operation on a new and fully charged battery with syringe running at 5ml/h; Power consumption ≤VA
Shock Protection	Class I, Type CF
Dimension	230mm X 50mm X 125mm
Net Weight	2.2kg



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