

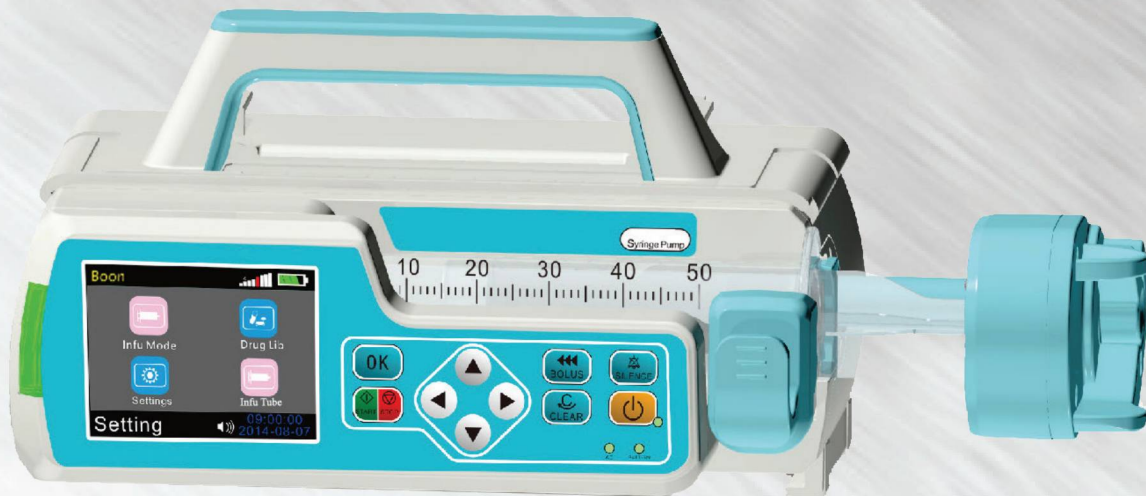


# ESP-300-S1

Syringe pump



INFUSION LINE



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# ESP-300-S1

## Syringe pump



- Compact and light weight design.
- Support 5, 10, 20, 30, 50 (60) ml syringes
- 8 levels adjustable occlusion pressure settings
- Additional light for operation at night
- Link mode for 2 units syringe pump
- USB interface for data transfer
- Real time display and 65000 history records
- Detachable handle could transfer 4 stackable pumps
- Anti-reverse detection, double CPU monitoring system



Specification	
<b>Infusion mode</b>	Rate mode
	Time mode
	Body weight mode
	Drug library mode
	Intermittent infusion mode
	TIVA mode
	Link mode for 2 units syringe pump
<b>Applicable syringes</b>	5, 10, 20, 30, 50(60) ml disposable sterile syringe (optional 2 ml syringe)
<b>Syringe accuracy</b>	± 2% after syringe correct calibration
<b>Infusion rate</b>	5 ml syringe: 0.1–150ml/h
	10ml syringe: 0.1–300ml/h
	20ml syringe: 0.1–600ml/h
	30ml syringe: 0.1–900ml/h
	50/60ml syringe: 0.1–1800ml/h
<b>Volume to be infused (VTBI)</b>	0–9999.9 ml
<b>Volume infused (Σ)</b>	0–9999.9ml
<b>KVO rate</b>	0.1–5ml/h, default value 0.1ml/h
<b>BOLUS (ml/h)</b>	5ml syringe: 100–150ml/h
	10ml syringe: 100–300ml/h
	20ml syringe: 100–600ml/h
	30ml syringe: 100–900ml/h
	50/60ml syringe: 100–1800ml/h
<b>Specific function</b>	65000 event logs,could be transmitted to PC
	Stackable function
	Adjustable alarm volume
	Nurse call interface (optional) docking station (optional) Wireless Wifi monitoring system (optional)
<b>Audible and visual alarm</b>	Syringe disengaged, occlusion, infusion near over, infusion completion, No operation, low battery, battery exhausted, malfunction, etc
<b>Power supply</b>	AC: 100–240V 50/60Hz; DC: 12V ± 1.2V
<b>Power consumption</b>	25VA
<b>Safe classification</b>	Class I, CF
<b>Dimension</b>	258*160*79mm
<b>Net weight</b>	1.7 KG
<b>Waterproof level</b>	IPx3
<b>Occlusion pressure</b>	8 levels occlusion pressure settings (default: level 4 )
<b>Battery</b>	Li-Polymer 7.4V 1900mAh, could ran more than 6 hours at 5ml/h
<b>Battery charging time</b>	10 hours with power on, 3 hours with power off
<b>Operating conditions</b>	Temperature: 5°C–40°C, Relative humidity 10–95%, Atmosphere pressure:86–106Kpa
<b>Transport conditions</b>	Temperature: -20°C–60°C, Relative humidity 10–95%, Atmosphere pressure:86–106Kpa
<b>Storage conditions</b>	Temperature: -20°C–45°C, Relative humidity 10–95%, Atmosphere pressure:86–106Kpa



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