



ESP-300-S1

Syringe pump



INFUSION LINE



ESP-300-S1

Syringe pump

DOCKING STATION INFUSION DEVICES

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



ESSE3 srl, Via Garibaldi 30
14022 Castelnuovo D.B. (AT)
Tel +39 011 99 27 706
Fax +39 011 99 27 506
e-mail esse3@chierinet.it
web: www.esse3-medical.com

