



# ESP-400IV

Syringe pump



INFUSION LINE



# ESP-400IV

Syringe pump



- **Large & colorful LCD display**
- **History records**
- **RS232 interface**
- **Adjustable buzzer volume**
- **Anti-bolus function**
- **Various visual and audible alarms**
- **90° rotatable pole clamp convenient for horizontal bar and IV pole**
- **Unique syringe intelligent recognition technology**
- **Dynamically display the pressure**
- **User self-define syringe brands**
- **Stackable function**



# ESP-400IV

## Syringe pump

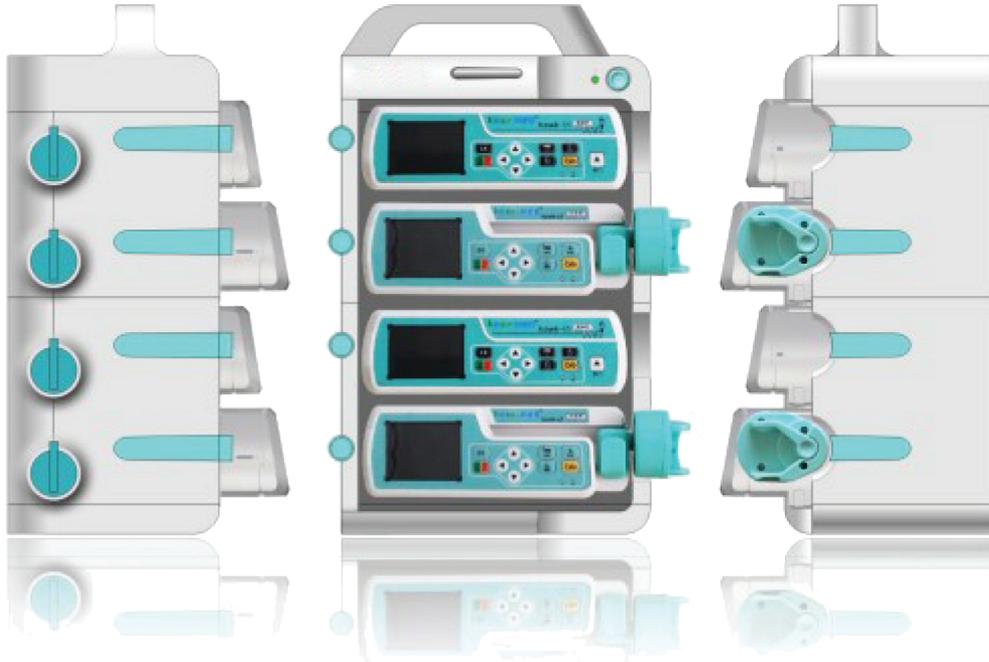
Infusion mode	Rate mode, Time mode, Dose mode, intermittent infusion mode, TIVA Optional: Drug library
Applicable syringes	Various brands of sterile syringes:5ml,10ml,20ml,30ml,50ml/60ml
Syringe accuracy	±2%(after syringe correct calibration)
Infusion rate	5ml syringe:0.1–150ml/h 10ml syringe:0.1–300ml/h 20ml syringe:0.1–600ml/h 30ml syringe:0.1–900ml/h 50ml syringe:0.1–1500ml/h
Volume to be infused	0~9999.9(ml)
Volume Infused	0~9999.9(ml)
KVO rate	0.1~2ml/h adjustable;default value:0.1 ml/h
Bolus rate	5ml syringe:100–150ml/h 10ml syringe:100–300ml/h 20ml syringe:100–600ml/h 30ml syringe:100–900ml/h 50ml syringe:100–1500ml/h
Alarms	Infusion completion,Empty,Occlusion,Near completion,Low battery, Syringe disengaged,No AC power supply,Battery exhausted,Malfunction etc
Power supply	DC:12±1.2V AC:100~240V,50/60Hz
Power consumption	25VA
Nurse call alarm	Optional
Classification	Class I,type CF
Dimensions	230*137*139 (Length × Width × Height)
Weight	1.7KG
Waterproof Level	1P×3
Occlusion pressure	(40~160)kPa
Battery	Li_polymer 7.4V 1900Ah, running about 6 hours at 5ml/h
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:50~106kPa
Storage conditions	Temperature:-20°C~45°C Relative humidity:10~95% Atmosphere pressure:50~106kPa





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## WORKSTATION

- **Compatible for modular design infusion pump & syringe pump.**
- **Only one power cable for multiple devices recharging.**
- **Top indicator light reflects working status of devices.**
- **Optional LCD screen for setting or displaying info of devices.**
- **Built in battery**
- **Optional WIFI module**
- **HL7 compliant, connecting to hospital HIS system.**
- **Pole clamp to fix on IV stand.**

**Optional:**

**2 channel, 4 channel, 8 channel working station.**



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](mailto:esse3@chierinet.it)  
web: [www.esse3-medical.com](http://www.esse3-medical.com)

