



ESP-800-I1

Infusion pump



INFUSION LINE



ESP-800-I1

Infusion pump

Compact and light weight design.

Upstream & downstream pressure detection

8 levels adjustable occlusion pressure settings

Double air bubble sensors detection for safer infusion

Free flow protection when pump door was opened

USB interface for data transfer

Real time display and 65000 history records

Detachable handle could transfer 4 stackable pumps

Freely stackable between infusion & syringe pumps

DOCKING STATION INFUSION DEVICES



Specification	
Infusion rate	0.1–1200 ml/h
Accuracy	± 5% (after correct calibration: ± 2%)
Applicable infusion set	Various brand of disposable infusion sets
Volume to be infused (VTBI)	0 ~ 9999 ml
Volume infused (Σ)	0 ~ 36000 ml
KVO rate	0~5 ml/h
Bolus rate	0.1~1200 ml/h
Infusion mode	Rate mode
	Drip mode
	Time mode
	Body weight mode
	Drug library mode
Purge	Intermittent mode
	Link mode for 2 units infusion pump
	1200 ml/h
Air bubble detection	Double ultrasound sensors detection; Single air bubble alarm value: 50ul (default), 100ul, 250ul, 500ul
Occlusion pressure	8 levels occlusion pressure settings (default: level 4) Upstream & downstream pressure detection
Audible and visual alarm	Door open, air bubble, occlusion, infusion completion, forget operation, use battery, battery exhausted, malfunction, etc
	Anti-Bolus: diminishes unwanted Bolus volume after occlusion removal
Functions	Stackable function
	Adjustable alarm volume
	65000 event logs, could be transmitted to PC
	Anti-reverse detection, double CPU monitoring
	Wireless Wifi monitoring system (optional)
Power supply	AC: 100~240V, 50/60Hz DC: 12V ± 1V
Battery	Lithium 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
Power consumption	25VA
Safe classification	Class I, CF
Waterproof level	IP × 3
Dimension	212 × 138 × 80mm (LxWxH)
Net weight	1.4KG
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 condition	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

