



ESP-2307

Modular Infusion Pump



INFUSION LINE



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Cod. ESP-2307 - Standard model

Cod. ESP-2307D - Model with drug library

Feature & Functions

The compact and light weight design saves space and is beneficial during patient transfer. Large & colorful LCD display.

Added safety

Free flow protection. The built-in flow stop feature helps reduce the risk of accidental free flow when pump is open.

Anti-bolus function

Diminishes the volume of unwanted Bolus injected to the patient after removal of the occlusion cause. Anti-reverse rotation detection.

Panel Lock

The panel lock feature helps prevent unauthorized changes of any instrument setting. 2000 history records, Real time display, RS232 interface 90° rotation pole clamp convenient for horizontal bar, vertical IV pole & platform use

User-friendly operation

Load directly the last infusion rate and volume limit. Adjustable buzzer volume. Top indicator light reflects the operation status as well as alarm. Night mode to ensure good rest of patients. Removable pump for easy cleaning.



Technical Features

Flow rate range	0.1~1200 ml/h Micro mode: 1.1 - 99.9 ml/h in 0.1 ml incr.	Alarms	Visual and audible alarms: door open, air in line, occlusion, infusion completion, infusion near over, start remind function, low battery depleted, malfunction etc.
Infusion mode	Rate mode, drip mode, time mode, body weight mode	Computer interface	RS232 (optional)
Volume infused (VTBI)	0 ~ 9999ml	History records	2000 history records
Volume infusion (Σ)	0 ~ 36000ml	Power supply	AC : 100-240V, 50/60Hz DC:12V±1V
Infusion accuracy	± 5%	Battery	Rechargeable lithium polymer battery, 7.4V, 1900mAh Can operate for more than 3 hours after fully charged at 25ml/h.
Applicable infusion set	Brand infusion set	Battery recharge time	10h with power on, 3h with power off.
KVO rate	1 ~ 5 ml/h	Power consumption	25VA
Bolus rate	300 ~ 1200 ml/h	Classification	Class I, type CF
Purge	600 ml/h	Waterproof level	IPX3
Drug Library	Just for the cod. ESP-2307D	Mode of operation	Continuous
Functions	<ul style="list-style-type: none"> - Anti-bolus diminishes the unwanted volume of Bolus to the patient - Prevent abnormal shutdown - Ultrasound sensor detection with four levels of air in line alarm adjustable - Intelligent pressure detection alarm - Double CPU, Anti-reverse detection - Screen simultaneously display the infusion rate, drip rate, VTBI, Volume infused, real time etc 	Dimensions	145 x 100 x 120 mm (LxWxH)
Air bubble detection	Ultrasound sensor detection with four levels of air in line alarm adjustable	Weight	≤ 1.4 kg
Occlusion pressure	3 adjustable occlusion pressure setting: low, middle and high	Operating conditions	Temperature: 5° ~ 40°C , relative humidity: 10 ~ 95% Atmosph. pressure: 86 ~ 106kPa
		Transport conditions	Temperature: -20° ~ 60°C, relative humidity: 10 ~ 95% Atmosph. pressure: 50 ~ 106kPa
		Storage condition	Temperature: -20° ~ 45°C, relative humidity: 10 ~ 95% Atmosph. pressure: 50 ~ 106kPa



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