



HSP-100 Infusion Pump

Feature & Functions:

Compact design

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 door 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

Versatile functions

2000 history records

Real time display

RS232 interface (optional)

90° rotation pole clamp convenient for horizontal bar, vertical IV pole & platform use

User-friendly operation

Soft key design, easy to operate

Load directly the last infusion rate and volume limit

Adjustable buzzer volume

Top indicator light reflects the operation status as well as alarm case

Night mode to ensure good rest of patients

Removable pump body for easy cleaning



Free flow protection



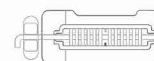
Rs232 interface

2000 event logs and alarm information can be transferred to computer for review



90° rotatable pole clamp

Fixation on vertical pole or horizontal bar



Removable pump body convenient for cleaning

HSP-100I Infusion Pump Specification

Specification		
Flow rate range	0.1~1200 ml/h	Micro mode: 0.1-99.9 ml/hr in 0.1 ml increments
Volume to be infused (VTBI)	0~9999ml	
Volume Infused (Σ)	0 ~36000 ml	
Infusion accuracy	$\pm 5\%$	
Applicable infusion set	Support a wide variety brands of infusion set including major manufacturers & selected local brands	
KVO rate	1 ~ 5 ml/h	
Bolus rate	300 ~ 1200 ml/h	
Purge	600ml/h	
Air bubble detection	Ultrasound sensor detection with four levels of air in line alarm adjustable	
Occlusion pressure	3 adjustable occlusion pressure settings: low, middle and high	
Alarms	Visual and audible alarms:Door open,Air-In-Line, Occlusion,Infusion completion, infusion near over, Start reminder function, Low Battery,Battery depleted,malfunction etc.	
Computer Interface	Rs232 (optional)	
History records	2000 history records	
Power supply	AC:100~240V,50/60Hz DC:12V $\pm 1V$	
Battery	Rechargeable lithium polymer battery,7.4V,1900mAh Can operate for more than 3 hours after fully charged at 25ml/h.	
Battery recharge time	10h with power on, 3h with power off	
Power consumption	25VA	
Classification	Class I, type CF	
Waterproof Level	IPX3	
Mode of operation	continuous	
Dimensions	145×100×120 mm (length×width×height)	
weight	$\leq 1.4\text{kg}$	
Operating conditions	Temperature:5°~40°,relative humidity:10~95%, Atmosphere pressure:86~106kPa	
Transport conditions	Temperature-20°~+60°,relative humidity:10~95%, Atmosphere pressure:50~106kPa	
Storage conditions	Temperature-20°~+45°,relative humidity:10~95%, Atmosphere pressure:50~106kPa	



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