



# Infusion Pump IP-1 Plus

## 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 prevent 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

1500 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

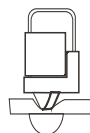
Load directly the last infusion rate and volume limit

Adjustable buzzer volume (3 levels)

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

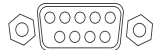


### Free flow protection



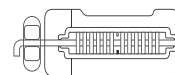
### 90° rotatable pole clamp

Fixation on vertical pole or horizontal bar



### Rs232 interface

1500 event logs and alarm information can be transferred to computer for review



### Removable pump body

convenient for cleaning



## Technical Specification

Specification	
Model	Infusion Pump IP-1 Plus
Flow rate range	0.1~1200 ml/h Micro mode: 0.1-99.9 ml/hr in 0.1 ml increments
Infusion mode	rate mode,drip mode,time mode,body weight mode
Volume to be infused (VTBI)	0~9999ml
Volume Infused ( $\Sigma$ )	0 ~36000 ml
Infusion accuracy	$\pm 5\%$
Applicable infusion set	Various brands of infusion set,
KVO rate	1 ~ 5 ml/h
Bolus rate	300 ~ 1200 ml/h
Purge	600ml/h
Air bubble detection	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	1500 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



Imp & Mkted. by:  

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Local Contact: