

HK-100I Infusion Pump



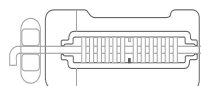
Feature & functions:

- Compact and light weight design
- Soft key design, easy to operate
- Top indicator light indicating infusion status
- Load directly last infusion rate and volume limit
- Adjustable buzzer volume
- Three adjustable occlusion pressure settings
- Free flow protection
- Double CPU ensuring safe infusion
- Removable pump body for easy cleaning



90° rotatable pole clamp

Fixation on vertical pole or horizontal bar



Removable pump body

convenient for cleaning

Shenzhen Hawk Optical Electronic Instrument Co., Ltd.

Address: 2B, Building No.2, Aerospace Science & Industry factory areas,
Yousong community, Longhua street, Bao'an District, Shenzhen, China.
Postal code: 518109

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HK-100I Infusion Pump Specification

Specification	
Infusion mode	Rate mode , Drip mode (ml/h and drops /min can be switched)
Flow rate range	0.1~1200ml/h, Micro mode: 0.1-99.9ml/h in 0.1 ml increment, 1-400drops/min
Remaining time	00h:00m It depends on the setting of VTBI and flow rate
Volume to be infused (VTBI)	0 ~9999 ml
Volume Infused (Σ)	0 ~36000 ml
KVO rate	1-5 ml
Infusion accuracy	$\pm 5\%$
Purge	600 ml/h
Bolus rate	300-1200ml/h
Applicable infusion set	A wide variety brands of infusion set
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, Low Battery, Battery depleted, malfunction etc.
Battery	Rechargeable lithium polymer battery, 7.4V, 1900mAh. Can operate up to 6 hours at 25ml/h after fully charged
Battery recharge time	10h with power on, 3h with power off
Power supply	AC:100~240V, 50/60Hz, DC:12V $\pm 1V$
Classification	Class I, type CF, IPX3
Weight	$\leq 1.4\text{kg}$
Dimensions	145×100×120 mm (L×W×H)
Power consumption	25VA
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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HK-100 Infusion Pump

Feature & Functions:

Compact design

The compact and light weight design save space and are 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 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

1600 history records
Real time display
RS232 interface

90° rotatable 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



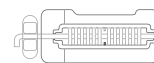
RS232 interface

1600 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

HK-100 Infusion Pump Specification

Specification	
Infusion mode	Rate mode Drip mode
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
History records	1600 history records
Power supply	AC:100~240V,50/60Hz DC:12V \pm 1V
Battery	Rechargeable lithium polymer battery,7.4V,1900mAh Can operate up to 6 hours at 25ml/h after fully charged .
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 (L×W×H)
Weight	\leq 1.4kg
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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HK-100II Infusion Pump

Feature & Functions:

Compact design

The compact and light weight design save space and are beneficial during patient transfer
Large & colorful LCD display

Added safety

Free flow protection

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Anti-bolus function

Diminishes the volume of unwanted Bolus after removal of the occlusion cause
Anti-reverse rotation detection

Panel Lock

The panel lock feature helps prevent unauthorized changes of any instrument setting

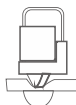
Versatile functions

1300 history records
Real time display
RS232 interface

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

User-friendly operation

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Night mode to ensure good rest of patients
Removable pump body for easy cleaning

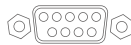


Free flow protection



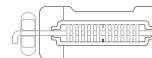
90° rotatable pole clamp

Fixation on vertical pole or horizontal bar



RS232 interface

1300 event logs and alarm information can be transferred to computer for review



Removable pump body

convenient for cleaning

HK-100II Infusion Pump

Specification	
Model	HK-100 II Infusion Pump
Flow rate range	0.1~1200 ml/h Micro mode: 0.1-99.9 ml/hr in 0.1 ml increment
Infusion mode	Rate mode, Drip mode, Time mode, Body weight mode Optional: Intermittent infusion mode, Durg library mode
Volume to be infused (VTBI)	0~9999ml
Volume Infused (Σ)	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	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
History records	1300 history records
Power supply	AC:100~240V,50/60Hz DC:12V $\pm 1V$
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