

600 I /IB Infusion Pump



Function & Features

- Unique door-free structure and big LCD screen, making it easier and more convenient to operate, in the meanwhile avoiding problems of pump stuck and fluid leakage.
- Unique function of bedside infusion supervision, making patients and their relatives more assured while reducing nurses' workload. If used with 2000II and Data Collector a bed No. can be set in the machine and then its infusion progress and alarm information can be displayed on 2000II located at Nurse's Station and Data Collector terminal. The nurse, upon seeing and hearing the signal, can go and handle the unit accordingly.
- All brands of standard IV sets are compatible. With only a simple calibration, it can guarantee an accurate, smooth and safe infusion.
- When detecting air in line or occlusion, an audio and visual alarm signal shall be given instantly while at the same time the machine stops operation automatically, thus reducing the danger of air embolism to patients.
- The infrared sensor shall give alarm signal when detecting excessive air pressure.
- Application of double CPU, making the infusion process safer and more reliable.
- Alarm signals are given in case of malfunction or operation error and the machine stops operation automatically.

Technical Parameters of 600I/IB Infusion pump

Applicable IV sets	All brands of standard IV sets	Weight	<3.0kg
Mechanism	Peristaltic	Dimension	265×230×175mm(length×width×height)
Accuracy	±3%	Power supply	AC100-240V,50/60 Hz,
Pressure	39.2kPa~137.2kPa	Fuse	T2AL250V~
Model	600I	Maximum power consumption	25W,can run for 4 hours continuously after being recharged.
Infusion rate	600I	Battery	Rechargeable lithium polymer battery,7.4V,1600mAh
	600IB	Battery recharge	When the pump is connected to the AC power supply, turn on the power and the battery will automatically recharge (about 8-14 hours to recharge fully).
Accumulated infusion volume	1ml-9999ml	Electrical safety	Comply with the stipulation of IEC60601-1: 1996
Volume limit	1ml-999ml(increment 1ml/h)	Electromagnetic compatibility	Comply with the stipulation of IEC60601-1-2: 2006
Displayed information	Rate, volume limit, accumulated volume, power indicator light, bed No., AIR, OCCL., OVER, EMPTY.	Shell material	ABS plastic
Alarm functions	Over, OCCL., AIR, Empty, low battery, control abnormal, no AC power supply, installation error, serious low battery.	Classification	Class II , Type BF
KVO flow rate	1ml/h,(keep vein open rate)	Operating conditions	Environment temperature 5°C ~40°C, air pressure 80kPa ~106kPa, relative humidity <80%
Bolus rate	600ml/h	Storage conditions	Environment temperature -40°C~55°C, air pressure 50kPa ~106kPa, relative humidity <95%
		Applied standards	IEC60601-1: 2005 IEC60601-2-24: 1998 IEC60601-1-2: 2006 ISO780-1997 ISO15223: 2000 ISO7886-1: 1993 ISO / IEC: Guide No. 37<Consumer Goods Usage Instructions>

600II Infusion Pump

Functions & Features

- | Three kinds of modes: Rate Mode, Time Mode, Body Weight Mode.
- | Unique door -free structure: Avoiding problems of pump stuck and fluid leakage.
- | Double CPU: Making the process of infusion safer and more reliable.
- | Accurate Injection: Precise control of the infusion rate and infusion volume.
- | Flow rate range: 1.0 ml/h-2000.0 ml/h.
- | Driven by step motor: No pulsating wave will be educed even during low-rate injection.
- | Alarm is given in the following situations: Infusion Completion, Occlusion, Low Battery, Air Bubble, Installation Error, Malfunction or Operation Error.
- | IV Set: All brands of standard IV sets are compatible.
- | KVO rate can be selectable according to concrete requirements from 1.0 ml/h to 5.0 ml/h.
- | Wireless Module Control: When used with 2000II or Data Collector terminal, the infusion information will be transferred to the Infusion Supervision System in order to ensure the patients' safety.
- | Big Color LCD.



Technical Parameters of 600II Infusion pump

Dimension	120×140×190 mm	Accumulated infusion volume	0.1~9999.0 ml
Maximum weight	<2.0 kg	Infusion accuracy	±3%
Displayed information	RATE VOL.LIMIT Σ(accumulated infusion volume) Battery charge indicator AC power indicator Over OCCL. AIR BED No.	Alarm function	Over OCCL. Low battery IV line installation error AIR EMPTY Machine malfunction
Fuse	T 2AL 250V~	KVO rate	1.0 ml/h-5.0 ml/h
Maximum power consumption	25VA, running more than 4 hours after being charged	Selectable modes	Rate mode, Time mode, Weight mode
Infusion rate range	1.0-2000 ml/h	Rate mode	0.1~2000.0 ml/h
Bolus	1000.0 ml/h	Time mode	Volume limit: 0.1~999.9ml Time: 1~2000 minutes
Operation conditions	Environment temperature 5℃~40℃, air pressure 86kPa~106kPa, relative humidity <80%	Body Weight mode	Drug limit: 0.1~999.9 mg, Volume limit: 0.1~999.9 ml. Weight: 0.1~300.0 kg, Dose: 0.1~9999.9 Selectable unit: mg/kg/h, ug/kg/min
Electrical Safety	Comply with EN60601-1 for medical equipment and EN60601-2-24	Battery	Rechargeable lithium polymer battery, 7.4V, 1600 mAh
Applicable infusion sets	All standard IV sets	Storage	Environment temperature-20~55℃, air pressure 50~106kPa, relative humidity <95%

600III Infusion Pump

Functions & Features

- Four kinds of modes: Rate mode, Time mode, Body Weight mode, Drop Counter mode.
- High-definition Large-screen color LCD, English language interface, making it more easier to operate.
- Double CPU makes the process of infusion safer and more reliable.
- Widely application scope of infusion rate, 1ml/h ~2000ml/h.
- Drop Counter inspection and automatic control, automatic conversion between ml/hour and drop/minute, one-touch switch display.
- Display of the drug names.
- With data lock to prevent accidental modification of infusion parameters.
- Display battery capacity.
- All standard brands of infusion pipes are applicable, press buttons for selection to achieve accurate, smooth and safe infusion.



Technical parameters of 600III Infusion Pump

Max. size of outer shell	129mm×150mm×172mm (length×width×height)	Max. weight	<2.2 kg
Power Supply	AC100V~220V, 50Hz~60Hz	Max. power consumption	25VA, work for continuous 4 hours after fully recharged.
Flow rate range	1ml/h~2000ml/h	Infusion increment	0.1ml/h
Bolus rate	1000ml/h	Accumulated volume	0.1ml~9999.9ml
KVO rate	Adjustable scope: 1.0ml/h~5.0ml/h	Infusion accuracy	±5% (up to ±2% after calibration.)
Volume limit (Initial validity)	0.1ml/h~9999.9ml/h (“0” for turning off the setting function of the volume limit)	Preset time setting (Initial validity)	0 ~99 hours 59 minutes (“0” for turning off the setting function of pre-set)
Battery recharge	Rechargeable Lithium Polymer battery, work for 5 hours after being fully recharged (25ml/h)		
Applicable infusion pipe	All brands of normal infusion pipes in line with national standard.		
Occlusion value	400mmHg~900mmHg, adjustable, graphical display the pressure.		
Mode selection	1. Rate mode 2. Time mode 3. Body Weight mode 4. Drop Counter mode		
Rate mode	Rate: 1ml/h~2000.0ml/h		
Time mode	Volume: 0.1ml~999.9 ml Time: 1min.~2000 min.		
Body Weight mode	Weight: 0.1kg~300.0kg Drug: 0.1mg~999.9mg Volume: 0.1ml~999.9ml Dose: 0.1~9999.9 (restricted to unit, drug, solution, weight and infusion pipe) Unit: mg/kg/h, ug/kg/min		
Alarm function	Infusion completion, OCCL. (Upper/Down), low voltage, air bubbles, installation error of infusion pipe, door open, abnormal 1, abnormal 2.		
Panel instruction info.	Infusion rate, volume limit, accumulated volume, battery capacity, battery charging indicator, AC power connection indicator, infusion completion, OCCL., air bubbles inside the infusion pipe, bed No., pressure value, flow rate, etc.		