

IFP-1500

Digital Infusion Pump

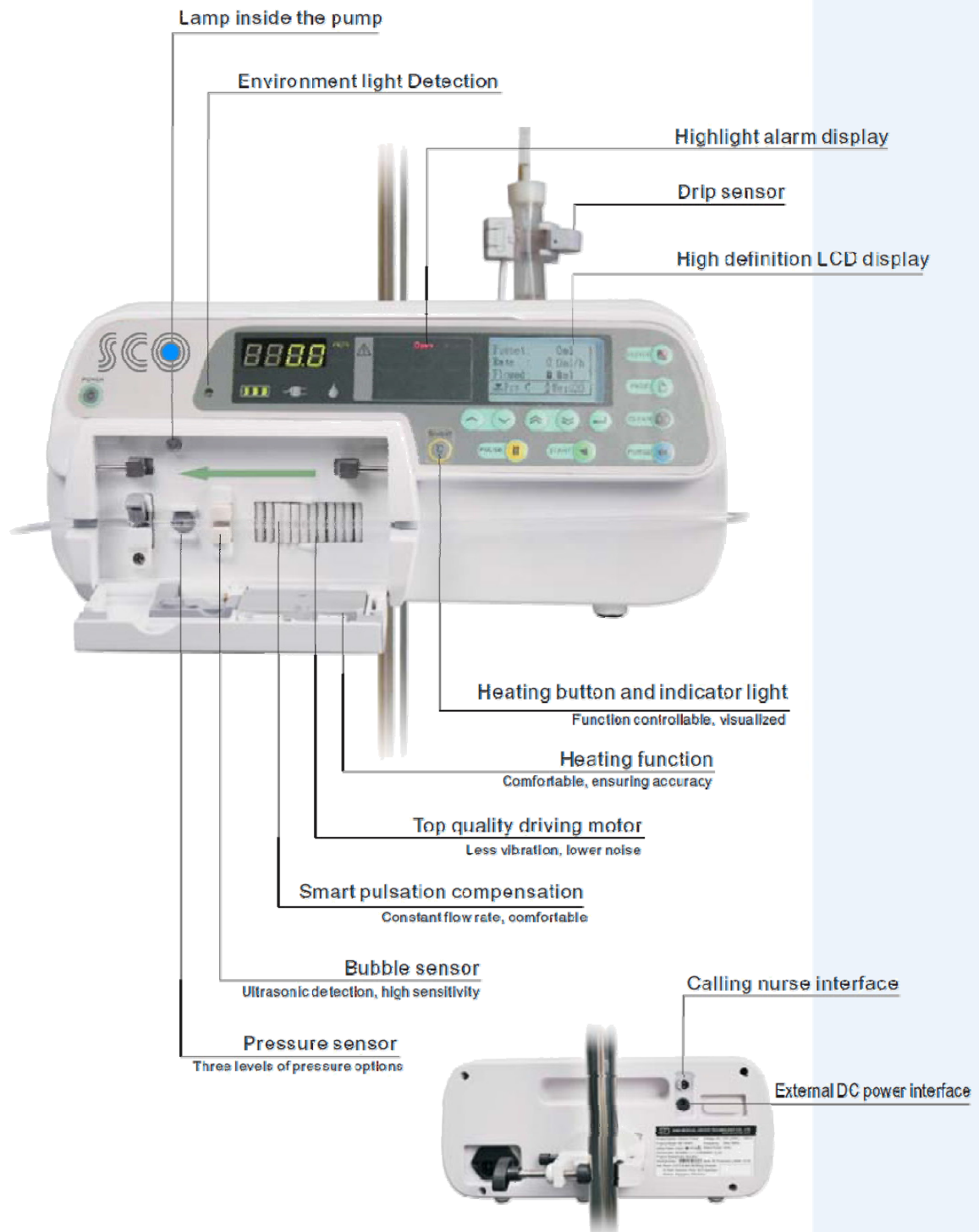


The IFP-1500 represent a new generation of infusion pumps and offers the high quality, safe and precise delivery as well as simple and flexible operation.

Features:

- Nice Design with new horizontal structure for more effectively prevent liquid penetration into the pump; it can be fixed on the pole, or placed on the desk.
- Accurate: Smart pulsation compensation, the actual flow rate is more uniform, the infusion process more comfortable.
- The heating function makes the infusion comfortable and accurate.
- Quiet due to top quality driving motor, less vibration, lower noise.
- Secure thanks the Dual-CPU monitoring.
- Humanization: Night working lamp, humanization design.
- Convenient: Four types of infusion mode, convenient for operation.
- Elegant stand for syringe and infusion pump (optional)
- Powerfully Infusion Monitoring System
- CE certified

Features:



Specifications:

SPECIFICATION	
Flow rate	0.1~1500 mL/h (0.1 mL/h step, if the value is 100 mL/h or above, the step is 1mL/h)
Bolus rate	600~1000 mL/h (Adjustable)
KVO rate	0.1~5 mL/h (Adjustable)
Occlusion accuracy	'H': 900±200 mmHg (120.7±26.7 kPa) 'C': 500±100 mmHg (66.7±13.3 kPa) 'L': 100±50 mmHg (13.3±6.6 kPa)
Accuracy of infusion	≤ ±5% (≤ ±3% for calibrated infusion apparatus)
Bubble detector	Ultrasonic detection method, detection sensitivity: 25µl
Infusion history records	1500 pcs
Preset volume	1~9999 mL
Display range of totally delivered volume	0~9999 mL(0.1 mL step, if the value is above 100 mL, the step is 1 mL)
Alarms	'Finish infusion', 'Occlusion', 'Bubble', 'Door open', 'Power Supply Breakdown', 'Battery low', 'Battery exhausted', 'No Operation', 'System error', 'Not-calibration', 'KVO complete', 'Drip sensor abnormal'
Power	AC110~230V, 50~60 Hz Inner battery: DC12 V, 2300mAH In fully charged status, the device can working for more than 6 hours at the rate of 25mL/h (containing the time of battery low. Larger battery volume is optional) Outside DC power supply: DC 12V
Operation conditions	Ambient temperature: +5 ~+40 °C, Relative humidity: 20% to 90%, Ambient pressure: 86~ 106KPa
Storage conditions	Ambient temperature: -20 to +55 °C,Relative humidity: ≤ 95%
Electric shock protection/class	Class I and internal power supply: Type CF, Continuous operation
Water proof level	IPX4
Communication (Option)	(1) Cable - Serial RS232 (2) Wireless communication - zigbee
Infusion mode setting	Rate mode, drip mode , weight mode and time mode. two groups of infusion program can be set under 'rate mode' and 'drip mode' .
Infusion rate	3 mode: Drip/min, mL/h, time/volume
Weight	2.5kg (with clamp base)
Dimension	308mm (Width) 140mm (Height) 144mm (Depth)
Infusion apparatus	Can save 9 brands of Infusion apparatus , the infusion accuracy can reach ±3% after calibration.
Scope of application	With the pressure generated by the infusion pump to control the injected flow rate and delivery volume of liquid (medicine, nutrition) to the patient
Contraindications	This product is not available for blood transfusion

Function

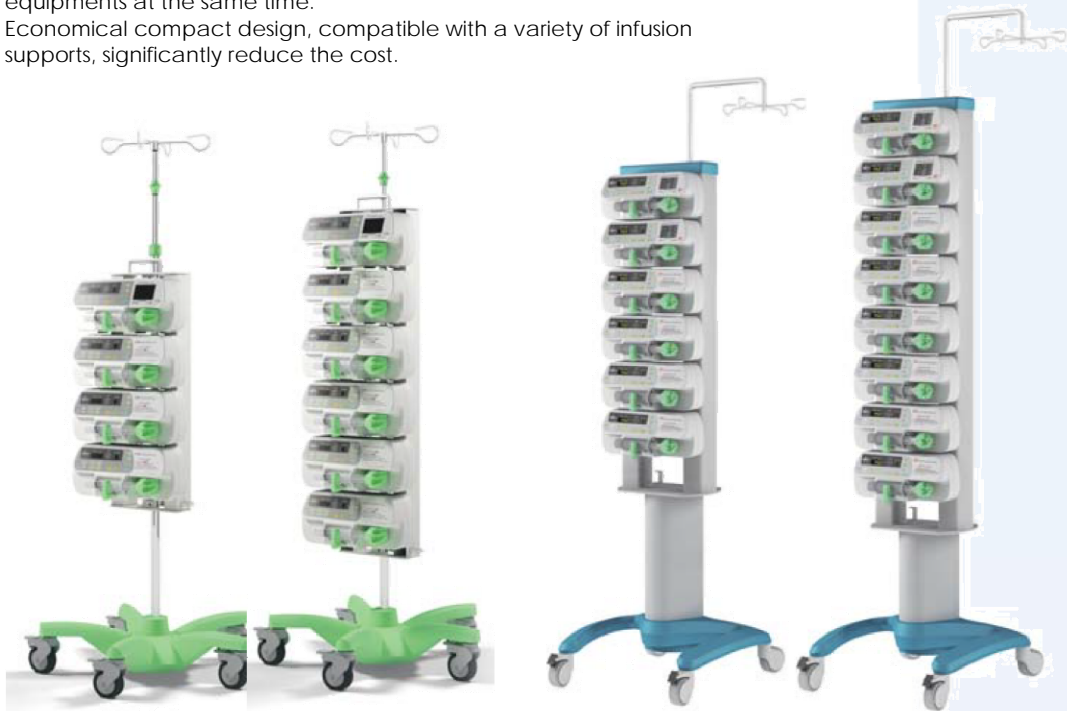
Tube heating function	3-level occlusion alarm limits setting	Wireless communication function	External DC power interfere
Dual-CPU monitoring function	Ultrasonic bubble detection	Night inner lighting function	AC and internal power indication
Abundant optic and sound alarm	Infusion apparatus calibration	Smart pulsation compensation function	Standard RS232 interfere
Body-weight mode conversion	Calling nurse interfere	Detection of drip sensor	1500 history records
Pressure dynamic display	KVO function	Fast rate control	Waterproof design



Flexible Infusion Stand

Integrate infusion and syringe pumps into one system

- Safe: Power supplied by one unified power cord, more safe.
- Convenient: Easy to install, convenient for operation and maintenance
- Centralized: Up to 8 pumps can be installed in one system, save space greatly (4/5/6/7 pumps for option).
- Multi-functional: With infusion pothook, support different infusion equipments at the same time.
- Economical compact design, compatible with a variety of infusion supports, significantly reduce the cost.



ST-A4

ST-A6

ST-B6

ST-B8

Infusion Monitoring System

Intelligent Infusion Monitoring System

- Intelligent: Real-time intelligent monitoring, easy to master infusion state
- Powerful: Managing up to 100 syringe pumps or infusion pumps at the same time
- Reachable: Wireless communication, to manage pump of each patient-bed
- Convenient: Graphical User Interface, easy for remote control.



Parts of the system: Monitor station, handset, routing node, syringe pump / infusion pump

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