

Specifications



Pumping mechanism	Curvilinear peristaltic
Dimensions	174 x 126 x215 mm (WxDxH)
Weight	approximately 2.5Kg
Water proof classification	IPX3
IV set & Accuracy	
IV set selection	6 kinds of IV set data selectable and storable
IV set	Compatible with IV set of any standard
VTBI range	0.1-9999ml
Flow rate	0.1 ~ 1500ml/h (0.1ml/h increments)
Purge/Bolus rate	100-1500 ml/h(0.1 ml increments)
Bolus volume	1-20ml/h(1ml increments)
Infusion accuracy	±3%
Infusion mode	ml/h
	Drop/min
	Time-based
	Easy mode
KVO rate	0.1-5ml/h(0.1ml/h increments)
Anti-bolus	Anti-bolus system reduce pressure on sudden release of occlusion
Occlusion Sensitivity	3 levels: High/ Medium/ Low
Alarms	
Audible and visual alarm	9 kinds: Occlusion, air-in-line, Pump door open, infusion completion, low battery, drop rate abnormal, flow rate abnormal, KVO, unattended
Sensitivity of air in line	≤40μL, Ultrasonic detector
Power & Environment	
Power supply(AC)	220±22/110V(optional), 50/60Hz
Battery(DC)	9.6±1.6V, Ni-MH, rechargeable
Battery /operation/charging	Ni-MH/ 5 hours (at 30ml/h) / more than 8 hours
Power consumption	≤20VA
Safety classification	Class II, Type CF
Operation temperature	10~40 C
Working relative humidity	30~75% (no condensation)
Atmospheric pressure	700-1060 hpa
Storage temperature	-20~+50°C
Storage relative humidity	≤93% RH (no condensation)
Extended function	
Built-in thermostat	30-45 C adjustable
Wireless management(optional)	Central monitoring by Infusion Management System
Standard configured consumables	
Packed with pump	1 pc of IV set
Optional	IV pole



INFUSION PUMP

P600

Product Structure

The diagram illustrates the product structure of the SYRINGE PUMP P500, highlighting ten key features:

- 1** Sensitive air bubble detector
- 2** Built-in thermostat 30-45°C adjustable
- 3** Pressure sensor Specially designed to sensitively detect occlusion Pressure in I.V. set
- 4** Pump door handle Durable metal design avoid breakage
- 5** Handle
- 6** Audible and visual alarm Easy to recognize alarm types
- 7** 4.2" high-definition color LCD
- 8** DECR and SET key Change mode easily
- 9** Anti-slip feet
- 10** Fuse Double fuse design with back-up fuse(0.25AL 205V)

Functional Features

- Double infusion mode: volumetric and drop rate
- Anti-bolus
- Automatically switch to KVO function after infusion completion
- Rechargeable Ni-MH battery 5 hours at 30 ml
- Memory of last operation setting parameters
- Extensive flow rate range, from 0.1ml/h to 1500ml/h, 0.1ml increments
- 9 kinds audible and visual alarm insure safety
- Automatically switch among drop/min, time-based and ml/h
- Change flow rate without stopping the pump
- Key locker
- Audio visual alarm of flow rate guarantee error free operation

SYRINGE PUMP P500