



Syringe Infusion Pump for VET
we care for your pets

- One-button night mode design for patients' more comfortable rest at night
- Compatible with different brands of 5,10,20,30,50/60 ml syringes
- User friendly numeric setting key

- 3.5 inch LCD screen for clear vision within 5 meters
- Rate, Time-Rate, Time-Volume to satisfy different clinical choices
- Special designed extension line grip
- Different types of indicator

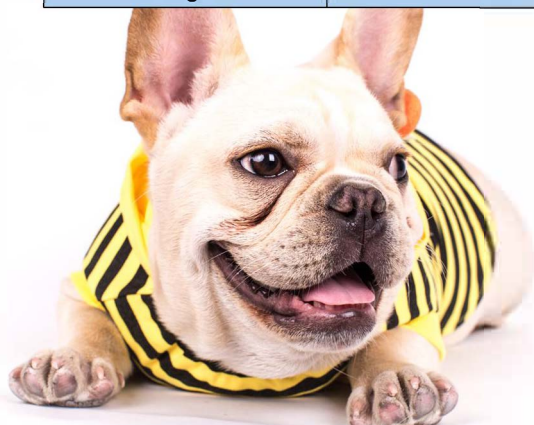
- More stronger syringe fixing slice & clamp
- Free stacking of single syringe pumps for easy space stations in ICU, NICU, OT etc
- DC for ambulance or different condition power supply
- Liquid drop cover to protect liquid into AC power supply socket

- Module Design for easier local service in any countries
- Double CPU to ensure higher reliability
- RoHS & CE qualified



Technical Specification of Syringe Pump

Parameters	Model No.	SPA112	SPA122
Channel		Single	Double
Stackable		YES	NO
Syringe Size		5,10,20,30,50/60ml	
Infusion Modes		Rate Mode, Rate-Time, Rate-VTBI, Time-VTBI	
Safety		Double CPU to make sure higher standard infusion	
Accuracy		±2%	
Time Preset		00: 01~99: 59 (Hour: Min)	
Volume Range		0~9999.9ml	
Flow Rate Step by		0.1 ml/h when Rate <100ml/h, 1ml/h when Rate ≥100ml/h	
Flow Rate Range	5ml Syringe	0.1ml/h-150ml/h	
	10ml Syringe	0.1ml/h-300ml/h	
	20ml Syringe	0.1ml/h-600ml/h	
	30ml Syringe	0.1ml/h-900ml/h	
	50/60ml Syringe	0.1ml/h-1200ml/h	
Purge/Bolus Rate/Top Flow Rate	5ml Syringe	150ml/h	
	10ml Syringe	300ml/h	
	20ml Syringe	600ml/h	
	30ml Syringe	900ml/h	
	50/60ml Syringe	1200ml/h	
Audible & Visible Alarms		Auto Seft-Test, Syringe Dislocation, Occlusion, Near End, Syringe Empty, VTBI Completion, Low Battery, Battery Exausted, Motor Malfunction, Incorrect Syringe Specification, Circuit Malfunction, Master CPU Malfunction, Monitoring CPU Malfunction, Parameters Over Limitation, A.C Disconnection, A.C connection	
KVO		0.1-5.0ml/h Adjustable	
Max Infusion Pressure			
Battery		≥8 hours	≥4 hours
Power Consumption		30VA	45VA
Power Supply		AC100-240V, 50Hz/60Hz; DC 12V (Optiomal)	
Battery		Lithium battery, 11.1/2000mAh	
Classification		Class II, type CF, IPX4	
Dimension		26×21.5×11cm	32×21.5×20cm
Weight		2kg	3kg



Technical Specification of Infusion Pump

Model No		IPA112
Infusion Principle		Fingertip Peristaltic Pump
I.V.Set Compatibility		Open System, match all brands of qualified PVC,TPE I.V.sets with external diameter of 3.8mm-4.2mm
Range of Flow Rate		0.1-1200ml/h
Infusion Mode		Rate, Rate-Time, Rate-Volume, Time-Volume, Drop-Volume, Drop-Time
Drug Library		20 drug list with drug code display
Purge/Bolus Rate		1-1200ml/h, defalut 800ml/h, step by 1ml/h
Single Bolus Volume		1.0-10ml Adjustable, default 3 ml
Time Preset		00: 01~99: 59 (Hour: Min)
Volume Range		1~9999ml
Drop Range		1-400d/min, step by 1 drop
Accuracy		±5%
Total Volume Infused		0-9999 ml
Occlusion Pressure	High	40 KPa±20KPa
	Middle	60 KPa±20KPa
	Low	100KPa±20KPa
Air in line Detection		Ultrasonic wave
Visible & Audible Alarms		Air in line, Down Stream Occlusion, Door Open, VTBI Completion, Near Completion, Low Battery, Battery Exhausted, Low Temperature, Motor Malfunction, A.C Disconnection, A.C connection, I.V set dislocation, MPU Error, Batery Charing, Battery Charing Completion, Circuit Malfunction
K.V.O Rate		1ml/h-5ml/h, default value 1ml/h, can be programmed by user step 0.1ml/h
Internal Battery		Lithium battery, 11.1/2000mAh, more than 4 hours working back up
Power Consumption		30VA
Power		AC 100V-240V 50HZ/60HZ
Classification		Class II, Type CF, IPX4
Dimension & Weight		13×17.5×23 cm; 2Kg
Optional Function		Ambulance DC 12V