

SP37 SYRINGE PUMP

- 4.3" color touch screen
- High accuracy: $\pm 2\%$
- KVO & Anti-bolus function
- Automatic calibration
- Water proof level: IP34
- Up to 11hrs battery back-up
- Inter-lockable Design



SP37 PRO SYRINGE PUMP

- 4.3" color touch screen
- High accuracy: $\pm 2\%$
- KVO & Anti-bolus function
- DPS & DERS (Drug error reduction system)
- Automatic calibration
- Water proof level: IP34
- Up to 11hrs battery back-up
- Fast start function against start delay



Specifications	SP37	SP37 PRO
Dimension	242 * 126* 111	
Weight	Approx. 1.7kg	
Display	4.3 inch colour touch screen	
Syringe sizes	5ml, 10ml, 20ml, 30ml, 50/60ml;	2ml, 5ml, 10ml, 20ml, 30ml, 50/60ml;
Flow rate accuracy	$\pm 2\%$	
Flow rate	0.1-1500 ml/h (depending on syringe size, with increment 0.01ml/h)	
VTBI	0-9999.99 ml	
Dose rate units	More than 15 types	
Concentration calculate	Automatically	
Bolus setting	Manual bolus Programmable bolus	
KVO rate	0.1-5.0 ml/h	
Infusion modes	3 infusion modes (Rate mode, Time mode, Body-weight mode)	8 infusion modes (Rate mode, Time mode, Body-weight mode, TIVA mode, Drug library mode, Ramp up/down mode, Loading-dose mode, Sequence mode)
Handle	Included	
Drug library	No less than 30	No less than 2000
Purge	Yes	
Titration	Yes	
Micro mode	Yes	
Standby mode	Yes	
Screen lock	Yes	
Occlusion levels	3 levels	12 levels
DPS & DERS	No	Yes
Anti-bolus	Automatically	
Records	More than 5000 entries	
Alarms	VTBI near end, VTBI infused, Pressure high, Battery nearly empty, Battery empty, No power supply, Reminder alarm, KVO finished, Check syringe, Syringe empty, Standby time expired, System error	
Safety		
Power supply	AC: 100V-240V, 50/60Hz DC: 12V	
Battery life	Standard: 5.5 hours; Optional: 11 hours (@ 5ml/h)	
Charging time	< 5 hours	
Classification	Class I, CF	
IP Level	IP34	
Interface		
IrDA	Optional	
Data interface	USB	
Wireless	WiFi (optional)	
DC input	Yes	
RS232	Supported	
Nurse call	Supported	