

SP FUSION 30 - SYRINGE PUMP

Accurate Care Healthy Companion



Double CPU
Safer Infusion

Numeric keypad,
more convenient

Occlusion, Alarm,
brightness level adjustable

Optional Injection Modes
for Different Needs

Color LCD, user friendly

3000mAh Li-ion Battery,
Back time ≥ 10 hr



Item	Model	SP FUSION 20	SP FUSION 30	SP FUSION 10
Injection Mode		Constant Rate , Time/ Volume , Drug Weight , Micro, Sequential Mode	Constant Rate, Time/ Volume , Drug Weight, Micro, Sequential , Drug Library Mode	Constant Rate , Time/ Volume , Drug Weight Mode
Syringe Size		5ml, 10ml, 20ml, 30ml, 50/60ml, auto-recognition		
Flow Rate		5ml: 0.10ml/h-60.00ml/h 10ml: 0.10ml/h-300.00ml/h 20ml: 0.10ml/h-400.00ml/h 30ml: 0.10ml/h-600.00ml/h 50/60ml: 0.10ml/h-1200.00ml/h		
Increment		0.01 ml/h		
Preset Time		1s~99hr59min59s		
Parameter Changed during Injection		Support change of VTBI, flow rate during injection		
Accuracy		$\pm 2\%$ ($\pm 1\%$ mechanical accuracy included)		
Preset Volume(VTBI)		0.10-9999.99ml&empty		
Accumulated Volume		0.00-9999.99ml		
Purge Rate		5ml: 30-60ml/h 10ml: 150-300ml/h 20ml: 200-400ml/h; 30ml: 300-600ml/ 50ml: 600-1200ml/h		
Bolus Rate		5ml: 0.10ml/h-60.00ml/h 10ml: 0.10ml/h-300.00ml/h 20ml: 0.10ml/h-400.00ml/h 30ml: 0.10ml/h-600.00ml/h 50/60ml: 0.10ml/h-1200.00ml/h		
KVO		0.10 -5.00ml/h adjustable		
Occlusion Pressure		8 level adjustable, 20Kpa-140Kpa, dynamically pressure value display.		
Alarm		Finished, near finished, near empty, empty, occlusion, syringe disconnected, no operation, parameter error, syringe size error, low battery, battery lost, battery ran out, AC power lost, abnormal injection, communication error		
Syringe Management		Preset 20 syringe brands, can add or edit the brand, accept all brands after calibration		
Display		3.5' TFT color LCD(HF-610); 5' TFT color LCD(HF-620) 10 level brightness adjustable		
Power Supply		AC Power: 100V-240V, 50/60Hz, $\leq 25W$		
Communication Port		USB,RJ45 for future use, Ethernet Port		
Battery		Rechargeable Li-ion battery, DC11.1V, 3000mAh; operating time: $\geq 10h$ (HF-610)@5ml/h;operating time:: $\geq 7h$ @5ml/h(HF-620);		
Alarm Voice		Standard Medical Alarm Voice with Mute function, 8 levels adjustable.		
Event Log		10000 event log, can be transmitted to PC with USB		
Software Upgrade		Upgrade the software with USB		
Operation Environment		+5°C- +40°C, Relative humidity: 20%-90%; Atmospheric pressure: 70 - 106 Kpa		
Classification		Class II, Type CF; IPX4		
Dimension		Size: 275mm×145 mm×160mm, Weight: 2.1kg		
Other Function		Double CPU, Password function, Multi Language, Pressure Release function, 90°rotatable IV pole, 4 soft function key, key lock function, numeric keypad, Pause Function, etc.		
Application		Intravenous injection		

