

MedRena



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CFDA

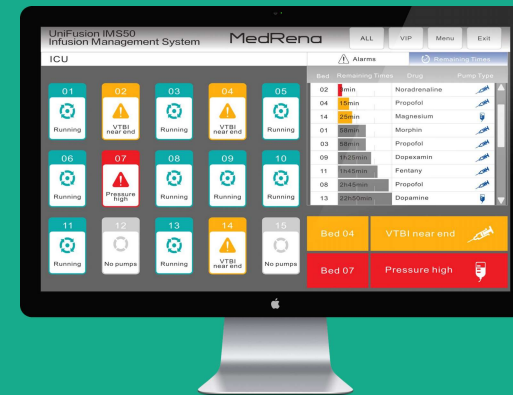


For better infusion

- ◆ Syringe Pump
- ◆ Infusion Pump
- ◆ Docking Station
- ◆ Infusion Management System



WiFi & IrDA Communication



UniFusion IMS50 Infusion Management System

- ♦ Integrated alarm management at nurse station
- ♦ Real-time display of infusion status
- ♦ Monitoring over 50 beds up to 255 pumps infusion dynamically



Inter-lockable Design



UniFusion DS50 Series Docking Station

- ♦ One Power Cord
- ♦ Alarm management
- ♦ Idea bedside space management
- ♦ Any combination from 3 to 12 pumps
- ♦ Flexible with horizontal and vertical fixing clamp

UniFusion SP50 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



UniFusion SP50 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 and Functions		UniFusion SP50	UniFusion SP50 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		±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	

UniFusion VP50 Infusion Pump

- ◆ 4.3" color touch screen
- ◆ High accuracy: $\pm 5\%$
- ◆ KVO & Anti-bolus function
- ◆ Automatic calibration
- ◆ Water proof level: IP34
- ◆ Up to 9 hrs battery back-up
- ◆ Fast start function against start delay
- ◆ Inter-lockable Design



UniFusion VP50 Pro Infusion Pump

- ◆ 4.3" color touch screen
- ◆ High accuracy: $\pm 5\%$
- ◆ KVO & Anti-bolus function
- ◆ DPS & DERS (Drug error reduction system)
- ◆ Double pressure sensor & air bubble sensor
- ◆ Automatic calibration
- ◆ Water proof level: IP34
- ◆ Up to 9hrs battery back-up
- ◆ Inter-lockable Design



Specifications and Functions		UniFusion VP50	UniFusion VP50 Pro
Dimension	199 * 126* 111		
Weight	Approx.1.4kg		
Display	4.3 inch colour touch screen		
Flow rate accuracy	±5%		
Flow rate	0.1-1500 ml/h (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	4 infusion modes (Rate mode, Time mode, Body-weight mode, Drip mode)		8 infusion modes (Rate mode, Time mode, Body-weight mode, Drip mode, Drug library mode, Ramp up/down mode, Loading-dose mode, Sequence mode)
Handle	Included		
Drug library	No less than 30		More 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 upstream, Drops error, Air bubble, Door open, Standby time expired, System error		
Safety			
Power supply	AC: 100V-240V, 50/60Hz DC: 12V		
Battery life	Standard: 4.5 hours; Optional: 9 hours (@ 25ml/h)		
Charging time	< 5 hours		
Classification	Class I, CF		
IP Level	IP34		
Interface			
IrDA	Yes		
Data interface	USB		
Drop sensor	Supported		
Wireless	WiFi (optional)		
DC input	Yes		
RS232	Supported		
Nurse call	Supported		