


MedRena Infusion Pumps

Model	UniFusion VP50 Pro
Photo	
Physical Parameters	
Weight	1.4kg
Handle	Standard accessory, up loaded
Inter-lockable	yes
Door	manual
CPU	Double CPU
Pressure sensor	Up & down pressure sensors
Air bubble detector	Up & down air bubble detector(optional)
Ambulance use	Apply GB/T 14710-2009 transport test
IP Level	IP34
Display	
Screen	4.3 " Color TFT touch screen
Language	English
Input interface	Touch screen Numeric& Alphanumeric keyboard & keypad
IV Set	
Open/close system	Open system/close system
IV Set	apply to all IV sets with GB 8368 standard, with multiple brand names stored
Infusion Parameter	
Infusion Mode	Rate, Time, Body-weight, drip, Drug library, Ramp up/down, Loading-dose, Sequence mode
Relay Mode	yes
Micro mode	yes
Infusion theory	Linear peristalsis
Rate Range	0.1-1500ml/h
Rate incresement	0.01ml/h(0.01-99.99ml/h) 0.1ml/h(100-999.9ml/h) 1ml/h(1000-1500ml/h)

Infusion Accuracy	±5%
Change rate during infusion	yes
KVO	0.1-5ml/h adjustable
Bolus	maual/automatic
Purge	1500ml/h
Safty	
Occlusion units	mmHg/kPa/bar/psi
Occlusion levels	12 levels, 75-900 mmHg
Occlusion display	yes
Anti-bolus	yes
Air bubble detection	7 levels adjustable: 50ul,100ul,200ul,300ul,450ul,600ul,800ul, default: 50ul Sensitivity: 20ul
Anti free flow	mechanical
Alarm	
Alarm display	audible, visible alarm with text and image
Alarm volume	10 levels adjustable
reminder	yes
Information Database	
Database capacity	more than 5000 history records, 30 last therapies
Drug library	Editable, no less than 2000 drug information
DERS	yes
Battery	
Battery Type	Rechargeable Lithium ion polymer battery
Battery life	Standard: >4.5 hours @ 25ml/h Optional: >9 hours @ 25ml/h
Charging time	≤5 hrs
Others	
Automatic keypad lock	Yes
night mode	Yes
nurse call	optional
DC Supply	Yes, 12V
Wireless LAN, IrDA	IrDA standard, Wireless LAN optional