



SYRINGE PUMP



UNIFUSION
DOCKING STATION



MEDIFUSION SP Simple, Versatile, Safe & Reliable. Designed to meet the needs of modern I.V therapy in Neonates, Pediatrics & Adults. Our pumps are safe and include a wide range of features that make them easy to operate and used in ICU, CCU, Anesthesia Cardiology & Oncology.

Features At Glance



Top accuracy : $\pm 2\%$



5-7 hours battery back up



User Friendly Easy calibration of syringe and volume etc



DPS
Dynamic Pressure System



Infusion modes includes Rate, Time, Body weight



Record of last setting for all parameters



The Flow rate increments of infusion is by 0.01ml/h



Standard RS232 interface, event log with more than 2000 history records



Drug library contains more than 50 drug names, and can be updated & programmed according to clinical use



Syringe Pump & Infusion pump can be freely stacked into Docking station with one AC power supply



Automatically recognize the syringe type 5/10/20/30/50/60ml compatible with all common brands



Manual & Automatic Bolus, can be programmed according to clinical use; Automatic anti-bolus to decrease unexpected clinical risk

Technical Parameters

Description	Syringe Pump is used for Fluid administration in a controlled Manner. Digital Display is present for the precise monitoring of All Parameters. Drug Display infusion rate , Infused Volume .Automatically Recognize the Controls . Infusion is adjusted Rapidly as per clinical needs. Syringe Pump is compatible with docking Station						
Infusion Modes	Rate Mode, Time Mode, Body-Weight Mode						
Drug Name & Library Display	Drug Library contains more than 50 Drugs names, and can be updated & prograded according to clinical use						
Syringe Size	5,10,20,30,50/60ml Universal Syringe Acceptance						
Safety	2 CPU's to make sure higher standard infusion & system security						
Accuracy	±2%						
Time Preset	0~99h and 59min						
Volume Range	0.01~9999.99ml						
KVO	Rate≥10ml/h:KVO=3ml/h Rate<10ml/h:KVO=1ml/h						
Flow Rate Step by	Increments at 0.01 ml/h						
Flow Rate	0.01 ml/h -1800ml/h						
Flow Rate Range	5ml Syringe 0.01ml/h-150ml/h 10ml Syringe 0.01ml/h-400ml/h 20ml Syringe 0.01ml/h-600ml/h 30ml Syringe 0.01ml/h-900ml/h 50/60ml Syringe 0.01ml/h-1800ml/h						
Purge/Bolus Rate/ Top Flow Rate	5ml Syringe 150ml/h 10ml Syringe 400ml/h 20ml Syringe 600ml/h 30ml Syringe 900ml/h 50/60ml Syringe 1800ml/h						
Audible & Visible Alarms	Syringe Dislocation, Occlusion, Near End, Pause Overtime, Low Battery, Battery Exausted, VTBI Completion, Syringe Empty, Motor Malfunction, Incorrect Syringe, Circuit Malfunction, Internal Malfunction, Master CPU Malfunction & Monitoring CPU Malfunction						
Occlusion Pressure	<table><tr><td>High:</td><td>106.7KPa±26.7 KPa</td></tr><tr><td>Middle:</td><td>66.7KPa±13.3 KPa</td></tr><tr><td>Low:</td><td>40.7KPa±13.3 KPa</td></tr></table>	High:	106.7KPa±26.7 KPa	Middle:	66.7KPa±13.3 KPa	Low:	40.7KPa±13.3 KPa
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Low:	40.7KPa±13.3 KPa						
Pause Overtime Alarm	1min50s-2min						
Power & Battery	AC 100V-220V 50HZ/60HZ, Built-in Rechargeable Lithium ion battery						
Classification	Class IIb, type CF, IPX4						
Dimension & Weight	140mm (W) ×260mm (L) ×110mm (H) ; 2.5Kg						



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