



CARDIOTHORACIC DRUG DELIVERY

Drug Library with flow rate calculation




- Suitable for Cardiothoracic patients
- Compact & light weight (1.8Kg)
- Anti-bolus function
- Drug Library (upto 2000 drugs) with auto flow rate calculation
- Event log
- Real time clock
- Hospital Name display
- 2ml, 5ml, 10ml, 20ml, 30 ml, 50/60 ml syringe applicable
- LCD Display with user assist menu
- 0.01 ml/hr to 3000 ml/hr flow rate
- Occlusion pre-alarm and alarm
- Battery back up to 10 hrs
- Front loading operation
- LCD, LED Display & User Friendly Operation
- Pumping Pressure Display in mmHg & PSI
- Stackable up to 4 pumps to save space
- Dosage ramp up and taper down program
- Custom programmable mode to accept any brand of syringe
- Automatic Syringe Size Detection
- In line program during infusion
- KVO function with OFF facility
- Target Volume & Time Setting
- Infused Volume & Time Display
- Upgrade to PCA Function(optional)
- Bolus Function with infused volume display
- Adjustable Occlusion Pressure
- 'Delivery Line Disconnected' alarm during infusion
- Keyboard Auto/Manual Lock ON/OFF
- Universal Mounting pole for Horizontal & Vertical poles



1.8KG WEIGHT

Weightless, carrying 4 pumps, mobility is comfortable.



HIGH FLOW RATES


High flow rate of 3000 ml/hr can quickly deliver in an emergency.



PORTING MULTIPLE PUMPS

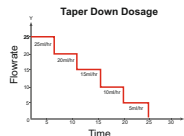
Easily port 4 pumps on a stacking stand. Enhances patient mobility.

PCA Function(Optional)




PCA Handset

Dosage Ramp up & Taper Down



10 Sequential programs for Dosage Ramp up & Taper down function




SMALL & COMPACT

Small & compact, occupies less space near the patient even when 5 pumps are stacked & power up using single 5 in 1 power supply cord



DELIVERY LINE DISCONNECTED ALARM

Safety alarms are generated when drug delivery line is accidentally disconnected from patient.



Drug Library

Drug library function with mg/kg/hr, mg/kg/min, mcg/kg/hr, mcg/kg/min

Power Supply	: 200-240V AC		
Battery	: Rechargeable 12V 800mAh		
Battery Backup	12hrs @ 5ml/hr Flow rate 10hrs @ 5ml/hr Flow rate 5 hrs at higher rate on 50ml Syringe		
Power Consumption	: 7 Watts		
Display	: 3.1" LCD & LED Display.		
Applicable Syringe	: 2ml, 5ml, 10ml, 20ml, 30ml, 50/60ml Syringes form any brand. Custom Programmable for any brand Syringe also available.		
Automatic Syringe Size Detector	: Available		
Flow Rate	Mains	Battery	Syringe Size
Range ml/Hr:	0.01-350 0.1 - 750 0.1 - 1000 0.1 - 1800 0.1 - 2500 0.1 - 3000	0.01-180 0.1-350 0.1-500 0.1-900 0.1-1200 0.1-2000	2 ml 5 ml 10 ml 20 ml 30 ml 50 ml
Infused Volume	: 0.1 - 9999 ml		
Elapsed Time	: Display of Elapsed time from 00:01 to 199:59 hrs		
Dosage Taper Up/Down: (Intermittent Mode)	Sequential program of 10 different Flow-rate at Different target time or volume available.		
KVO	: 0.1ml/Hr to 9.9ml/Hr in 0.1 ml increment.		
Bolus	: Purge(Manual)Bolus & Auto(Programmed) Bolus		
Flow Rate	Mains	Battery	Syringe Size
Range ml/Hr:	0.01-350 0.1 - 750 0.1 - 1000 0.1 - 1800 0.1 - 2500 0.1 - 3000	0.01-180 0.1-350 0.1-500 0.1-900 0.1-1200 0.1-2000	2 ml 5 ml 10 ml 20 ml 30 ml 50 ml
Keyboard Lock:	AUTO ON/OFF & Manual Lock Unlock		

SPECIFICATION

Bolus Volume	: 0.1ml to 10 ml in 0.1 ml increments
Occlusion Pressure	: 20 steps selection (1 PSI to 20 PSI 20 levels)
Anti -Bolus function	: Accidental Bolus infusion reduction function after occlusion Available
Event log with RTC	: Available 5000 Events
Alarms	
tAr.1	- Target volume reached
tAr.2	- Target time reached
End	- End of Syringe
PCA.d	- PCA probe disconnected
Occl	- Occlusion Pressure limit reached
P.ocL	- Occlusion Pressure Prealarm
OFF	- Battery Discharged
AL 1	- Syringe Holder Disturbed during infusion
AL 2	- Delivery Line disconnected alarm
AL 3	- Internal Mechanism fault
AL 4	- Mains to Battery changed. Flow rate reduced to Battery range
AL 5	- Mains Voltage Over the Limit
AL 6	- Mains Voltage Below 215 reduce Flow rate <=2000 ml/Hr
AL 9	- Priming Not Done
AL 10	- Occlusion sensor Failed
AL 12	- Drive Disengaged
Stand by mode	: NO/OFF Pause infusion facility adjustable time up to 24:00 hours
Online changing of delivery rate:	YES, Without stopping infusion, flow rate can be changed
Corner Alarm LED:	Horizontal 360 degree full view alarm LED
Easy fixing Rear Clamp:	In just one and half rotation easy to fix & removed

Audio/Visual Indication & Alarms:	Near to Empty, Target Pre-alarm, Battery mode, battery low, Internal mechanism fault, KVO Mode, Bolus Mode, PCA Mode, Mains disconnected alarm, Occlusion Pre-alarm
Modes	: Flow Rate only, Flow Rate & Target volume, Flow Rate & Target Time, Target volume and target time, Drug library/Dose mode, Intermittent Mode, Syringe pump with PCA Mode.
Drug Library	: Available with 2000 drug names. Flow rate calculation based on patient weight(kg)
Drug Concentration	: mg/ml, mcg/ml, ng/ml, cal/ml, kcal/ml etc.,
Dosage	: mg/kg/hr, mc/kg/min, mcg/kg/hr, mcg/kg/min etc.,
Communication	: HL7 data through RS232 Port for communication with CPMS
PCA	: PCA dose can be preset from 0.1to 10ml. Minimum locking time Interval between two Doses, Time interval from 0 - 24hrs in steps of 1 min, Delivered and non delivered doses display
Operating & Storage Temperature	: -10 to 50 degree C
Operating & Storage Humidity	: 15 to 90(±2)%
Operating & Storage Pressure	: 50 to 106(±10)kpa
Accuracy	: ±1%
IP protection	: IPX4
Safety Testing	: EN 60601-1. EN 60601-1-2, EN 60601-1-6, EN 60601-1-8, EN 60601-2-24
Certification	: CE, ISO 13485:2016
Space Occupied	: 2.2 ltrs
Weight & Dimension	: 1.8 kg; 170 x 96 x 133 (L x B x H)



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Product Ordering Code



PUM PUM SRXMAX



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