



World's most environmental friendly

**7VA**

World's lightest pump at

**1.75kg**

4 Syringe Brands with customize option

**5, 10, 20  
30, 50 ml**

**2.2L**

World's most compact pump

**10Hrs**

Long Battery Backup at 5mL/Hr in 50ml syringe

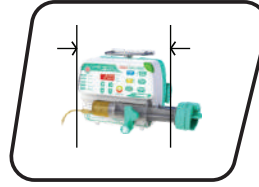
# SYRU 4004

## SYRINGE INFUSION PUMP



### 1.75 KG WEIGHT

Weightless, carrying 4 pumps, mobility is comfortable.



### SMALL & COMPACT

Small & compact, occupies less space near the patient even when 5 pumps are stacked. Allows easy access for medical & paramedical staff.



### ANTI BOLUS

### ANTI BOLUS FUNCTION

Automatic pressure reduce after occlusion alarm to avoid accidental bolus



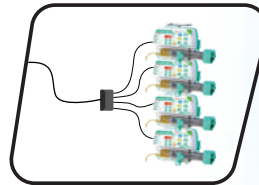
### DELIVERY LINE DISCONNECTED ALARM

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



### PORTING MULTIPLE PUMPS

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



### SINGLE POWER CABLE

Single power cable distributes to 5 pumps, thereby avoiding power chord clustering, saving space, no necessity of multiple power sockets on the wall.

## SPECIFICATION

Power Supply (I/P)	AC 220V to 240V 50Hz
Battery	12V Ni-MH Battery
Battery Backup	10hrs @ 5ml/hr Flow rate on 50ml Syringe
Power Consumption	7 VA
Applicable Syringe	5ml, 10ml, 20ml, 30ml & 50ml Syringe from JMS, Braun, Dispovan, BD and Custom Programmable for Any brand of Syringe.
Automatic Syringe Detector	Available
Custom Programmable Syringe	Available

	IN AC Mode	IN Battery Mode
Flow Rate Range	0.1 - 200 ml/Hr	70 ml/Hr (5ml Syringe)
	0.1 - 300 ml/Hr	110 ml/Hr (10ml Syringe)
	0.1 - 500 ml/Hr	190 ml/Hr (20ml Syringe)
	0.1 - 700 ml/Hr	260 ml/Hr (30ml Syringe)
	0.1 - 1200 ml/Hr	400 ml/Hr (50ml Syringe)

Infused Volume	0.1 - 999.9 ml
Elapsed Time	Display of Elapsed time from 00:01 to 99:59 hrs
Modes	Flow Rate only. Flow Rate & Target volume. Flow Rate & Target Time. Target volume and target time
Bolus	Purge Bolus & Auto Bolus

	IN AC Mode	IN Battery Mode
Bolus Flow Rate	10 - 200 ml/Hr	70 ml/Hr (5ml Syringe)
	10 - 300 ml/Hr	110 ml/Hr (10ml Syringe)
	10 - 500 ml/Hr	190 ml/Hr (20ml Syringe)
	10 - 700 ml/Hr	260 ml/Hr (30ml Syringe)
	10 - 1200 ml/Hr	400 ml/Hr (50ml Syringe)

Anti Bolus Function	Available Automatic pressure reduction on the drug delivery line during Occlusion Alarm
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Bolus Volume	0.1ml to 10 ml in 0.1 ml increments
Dosage Taper Up/ Down (Sequential Mode)	Available with 10 different programs
KVO	0.1ml/Hr to 9.9ml/Hr in 0.1 ml increment.
Occlusion Pressure	10 steps selection (OFF to 9 Levels)

Alarms	
tAr.1	- Target Volume reached
tAr.2	- Target time reached
End	- End of Syringe
occL	- Occlusion
OFF	- Battery discharged
AL 1	- Syringe holder disturbed during infusion
AL 2	- Delivery line disconnected alarm
AL 3	- Internal Malfunction
AL 4	- Mains to battery changed. flow rate reduced to 400
AL 5	- AC Power over limit
AL 6	- Mains Voltage below 215 reduce flowrate <=800ml
AL 9	- Priming not done

Audio/Visual Indication & Alarms	Target reached (time or volume), End of syringe, Occlusion, Battery discharged, Internal Malfunction, Priming not done, Near Empty, Battery low, Operation on mains / battery
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Accuracy	Mechanical Accuracy +/- 1% Including Syringe +/- 2%
Display	Four 7 segment Display
Dimension	170 X 107 X 135 ( L x B x H )
Space Occupied	2.2 ltrs
Weight	1.75 kg

Product Ordering Code:	 PUM PUM SY4004
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Manufactured by



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\*Specifications are subject to change without notice