

AKAS SYRU 4004



World's **LIGHTEST** Syringe Pump



7VA

Environment
Friendly

2.2L

Most Compact
Pump

**1.75
Kg**

Lightest
Pump

**10
Hrs**

Long Battery
Backup


WITH IP
PROTECTION

Made in India

Made for the World

AKAS SYRU 4004



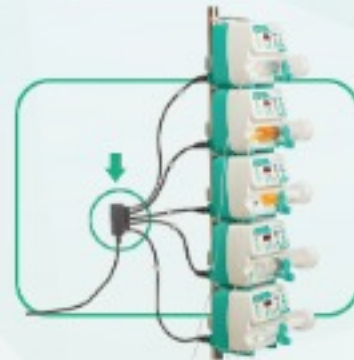
Feather Light



Compact



Multi Porting



Uni Power socket



Anti Bolus Function



Safety Alarm

The Syringe Pump for every ICU

AKAS SYRU 4004 SPECIFICATION

Power Supply (I/P)	AC 220V to 240V 50Hz			Dosage Taper Up/Down (Sequential Mode)	Available with 10 different programs
Battery	12V Ni-MH Battery			KVO	0.1 ml/Hr to 9.9ml/Hr in 0.1 ml increment.
Battery Backup	10hrs @ 5ml/hr Flow rate on 50ml Syringe			Occlusion Pressure	10 steps selection (OFF to 9 Levels)
Power Consumption	7 VA			Alarms	<i>TAR.1</i> Target Volume reached
Applicable Syringe	5ml, 10ml, 20ml, 30/35ml & 50/60ml Syringe from JMS, Braun, Dispovan, BD and Custom Programmable for Any brand of Syringe.				<i>TAR.2</i> Target time reached
Automatic Syringe Detector	Available				<i>END</i> End of Syringe
Custom Programmable Syringe	Available				<i>OCCL</i> Occlusion
Flow Rate Range	IN AC Mode	IN Battery Mode			<i>OFF</i> Battery discharged
	0.1 - 200 ml/Hr	80 ml/Hr	(5ml Syringe)		<i>AL1</i> Syringe holder disturbed during infusion
	0.1 - 300 ml/Hr	110 ml/Hr	(10ml Syringe)		<i>AL 2</i> Delivery line disconnected alarm
	0.1 - 500 ml/Hr	220 ml/Hr	(20ml Syringe)		<i>AL 3</i> Internal Malfunction
	0.1 - 700 ml/Hr	300 ml/Hr	(30ml Syringe)		<i>AL 4</i> Mains to battery changed, flow rate reduced to 400
	0.1 - 1200 ml/Hr	400 ml/Hr	(50ml Syringe)		<i>AL 5</i> AC Power over limit
Infused Volume	0.1 - 999.9 ml				<i>AL 6</i> Mains Voltage below 215 reduce flowrate <=800ml
Elapsed Time	Display of Elapsed time from 00:01 to 99:59 hrs				<i>AL 9</i> Priming not done
Modes	Flow Rate only.			Inline changing of delivery rate	Possible to change the infusion rate without stopping the infusion
	Flow Rate & Target volume.			Audio/Visual Indication & Alarms	Target reached (time or volume), End of syringe, Occlusion, Occlusion pre alarm, Battery discharged, Internal Malfunction Priming not done, Near Empty, Battery low, Operation on mains / battery
	Flow Rate & Target Time.			Accuracy	Mechanical Accuracy $\pm 1\%$ Including Syringe $\pm 2\%$
	Target volume and target time			Last Infusion data	Save last infusion data even when power on & off
Bolus	Purge Bolus & Auto Bolus			Alarm LED Brightness	Adjustable 5 levels
	Bolus Flow Rate	IN AC Mode	IN Battery Mode	Display	Four 7 segment Display
	10 - 200 ml/Hr	80 ml/Hr	(5ml Syringe)	Dimension	170 X107X135 (LxBxH)
	10 - 300 ml/Hr	110 ml/Hr	(10ml Syringe)	Space Occupied	2.2 ltrs
	10 - 500 ml/Hr	220 ml/Hr	(20ml Syringe)	Weight	1.75 kg
	10 - 700 ml/Hr	300 ml/Hr	(30ml Syringe)	Certification	ISO 13485: 2016
	10 - 1200 ml/Hr	400 ml/Hr	(50ml Syringe)		
Anti Bolus Function	Post occlusion bolus reduction function to avoid accidental bolus delivery after occlusion incident.				
Bolus Volume	0.1ml to 10 ml in 0.1 ml increments				

PRODUCT ORDERING CODE : PUM PUM SY4004

Manufactured by



AKAS Medical Equipment

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*Specification are subject to change without notice.