

AKAS SYRU 4004

AKAS
INFUSIONS

Hitwin
HEALTHCARE

World's **LIGHTEST** Syringe Pump



7VA

Environment
Friendly

2.2L

Most Compact
Pump

**1.75
Kg**

Lightest
Pump

**10
Hrs**

Long Battery
Backup

IP
WITH IP
PROTECTION

Made in India

Made for the World



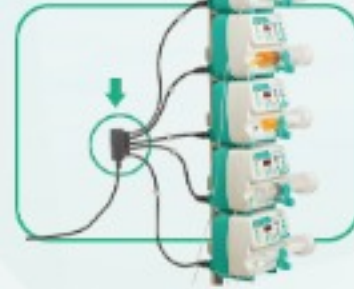
Feather Light



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		
Battery	12V Ni-MH Battery		
Battery Backup	10hrs @ 5ml/hr Flow rate on 50ml Syringe		
Power Consumption	7 VA		
Applicable Syringe	5ml, 10ml, 20ml, 30/35ml & 50/60ml Syringe from JMS, Braun, Dispovan, BD and Custom Programmable for Any brand of Syringe.		
Automatic Syringe Detector	Available		
Custom Programmable Syringe	Available		
Flow Rate Range	IN AC Mode	IN Battery Mode	
	0.1 - 200 ml/Hr	80 ml/Hr	(5ml Syringe)
	0.1 - 300 ml/Hr	110 ml/Hr	(10ml Syringe)
	0.1 - 500 ml/Hr	220 ml/Hr	(20ml Syringe)
	0.1 - 700 ml/Hr	300 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 High pressure mode		
Bolus	Purge Bolus & Auto Bolus		
Bolus Flow Rate	IN AC Mode	IN Battery Mode	
	10 - 200 ml/Hr	80 ml/Hr	(5ml Syringe)
	10 - 300 ml/Hr	110 ml/Hr	(10ml Syringe)
	10 - 500 ml/Hr	220 ml/Hr	(20ml Syringe)
	10 - 700 ml/Hr	300 ml/Hr	(30ml Syringe)
	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		

Dosage Taper Up/Down (Sequential Mode)	Available with 10 different programs		
KVO	0.1 ml/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	
	RL1	Syringe holder disturbed during infusion	
	RL 2	Delivery line disconnected alarm	
	RL 3	Internal Malfunction	
	RL 4	Mains to battery changed, flow rate reduced to 400	
	RL 5	AC Power over limit	
	RL 6	Mains Voltage below 215 reduce flowrate <=800ml	
	RL 9	Priming not done	
Inline changing of delivery rate	Possible to change the infusion rate without stopping the infusion		
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		
Accuracy	Mechanical Accuracy ±1% Including Syringe ± 2%		
Last Infusion data	Save last infusion data even when power on & off		
Alarm LED Brightness	Adjustable 5 levels		
Display	Four 7 segment Display		
Dimension	170 X107X135 (LxBxH)		
Space Occupied	2.2 ltrs		
Weight	1.75 kg		
Certification	ISO 13485: 2016		

PRODUCT ORDERING CODE : PUM PUM SY4004

Manufactured by



AKAS Medical Equipment

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*Specification are subject to change without notice.