



TERUMAX Rx

Terumax Rx is a water resistant syringe pump with IPX4 water resistant certificate.



7VA

Environment Friendly

2.2L

Compact Pump

1.9 Kg

Lightest Pump

8 Hrs

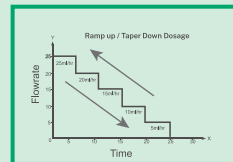
Long Battery Backup

IP WITH IP PROTECTION

Made in India. Made for the World.™

www.akasinfusions.com

AKAS TERUMAX Rx



The Syringe Pump for every ICU

AKAS TERUMAX Rx Specification

Power Supply	220+/-10% V AC, 50 Hz		
Battery	12V 800mAh NiMH battery (Optional) 11.1 V Li Battery)		
Backup	8hrs@5ml/hr Flow rate on 50ml Syringe		
Power Consumption	7VA		
Display	LCD & LED Display.		
Applicable Syringe	2ml, 5ml, 10ml, 20ml, 30/35ml, 50/60ml Syringes from any brand. Custom Programmable for any brand Syringe also available.		
Automatic Syringe Size Detector:	Available		
Flow Rate	Mains	Battery	Syringe
Range ml/Hr:	0.01-350	0.01-180	2 ml
	0.1-750	0.1-350	5 ml
	0.1-1000	0.1-500	10ml
	0.1-1800	0.1-900	20 ml
	0.1-2500	0.1-1200	30 ml
	0.1-3000	0.1-2000	50 ml
Infused Volume	0.1 - 9999.9ml		
Target Volume	0.1 to 9999.9 ml		
Elapsed Time	Display of Elapsed time from 00:01 to 199:59 hrs		
Ramp up/Taper down dosage mode	10 different programs		
Sequential Mode	Flow-rate at Different target time or volume available.		
KVO	0.1ml/Hr to 9.9ml/Hr in 0.1 ml increment.		
Bolus	Purge Bolus & Auto Bolus		
Flow Rate	Mains	Battery	Syr Size
Range ml/Hr:	0.01-350	0.01-180	2 ml
	0.1-750	0.1-350	5 ml
	0.1-1000	0.1-500	10ml
	0.1-1800	0.1-900	20 ml
	0.1-2500	0.1-1200	30 ml
	0.1-3000	0.1-2000	50 ml
Bolus Volume	0.1 ml to 10 ml in 0.1 ml increments		
Occlusion Pressure	10 steps selection (OFF to 9 Levels).		
Anti-Bolus function	Post occlusion bolus reduction function to avoid accidental bolus delivery after occlusion incident.		

Event log with RTC	Available 5000 Events
Alarms	TAR.1 Target volume reached
	TAR.2 Target time reached
	END End of Syringe
	PCRD PCA probe disconnected
	OCCL Occlusion Pressure limit reached
	P.OCL Pre-occlusion warning
	OFF Battery Discharged
	RL 1 Syringe Holder Disturbed during infusion
	RL 2 Syringe Plunger Dis-engaged
	RL 3 Internal Malfunction
	RL 4 Mains to battery changed. Flow rate reduced to 2000 ml/hr
	RL 5 Mains Voltage Over the Limit
	RL 6 Mains Voltage Below 215 reduce Flow rate <= 2000 ml/Hr
	RL 9 Priming Not Done
	RL10 Occlusion sensor Failed
	RL11 Back pressure low maintain machine height equal to patient heart
Audio/Visual Indication & Alarms:	Target reached (time or volume), Occlusion, Occlusion pre alarm, Syringe not engaged, Near to Empty, End of syringe, Battery mode, battery low, Internal mechanism fault, KVO Mode, Bolus Mode, PCA Mode, PCA probe disconnected, Patient end drug line disconnected alarm, Operation on mains / battery.
Modes:	Flow Rate only, Flow Rate & Target volume, Flow Rate & Target Time, Target volume and target time, Drug library mode, Syringe pump with PCA Mode, High pressure mode
Drug Library:	Available with 100 drug name. Flow rate calculation based on patient weight (Kg), Drug Concentration (mg/ml, mcg/ml) and Drug Dosage (mg/kg/hr, mcg/kg/min, mcg/kg/hr, mcg/kg/min) **More than 100 Drug name storage as per user request
Communication	Computer Interface (HL7/RS232)
PCA (Optional):	PCA dose can be preset from 0.1 to 10ml. Minimum locking time Interval between two Doses, Time interval from 0 - 24hrs in steps of 1 min, Delivered and non delivered doses display

Classification:	BF type, class II protection rating, in compliance with IEC /EN 60601-1, Class IIb in compliance with Council Directive 93 /42/EEC
Accuracy	Mechanical Accuracy ±1%; Including Syringe ± 2%
Safety Testing	EN 60601-1, EN 60601-1-2, EN 60601-1-6, EN 60601-1-8, EN 60601-2-24
Certification:	EUROPEAN CE, ISO 13485:2016, CDSCO registered INDIAN Medical Device Manufacturer
Space Occupied	2.2 ltrs
Weight & Dimension	1.9 kg; 170X107X135 (L X B X H)
Inline changing of delivery rate	Possible to change the infusion rate without stopping the infusion
Last data ON/OFF:	Saves the last infusion data even When Power OFF & ON
Alarm Volume	Adjustable 5 Levels
Pause Infusion facility	Standby option from 1 min to 24 hrs user adjustable
Battery Remaining Time	Viewable Under Settings
Adjustable Near To End Time	From 3 min to 30 mins With flow rate Dependent only
AMC Remainder	Available
Keypad Locking	Available Manual & Automatic (ON/OFF option)
Pressure Display	Inline pressure display Available in PSI Value(ON/OFF option)
Alarm LED Brightness	Adjustable 5 Levels
Optional Pole Clamp	Multifunction Mounting pole clamp for Horizontal/Vertical Pole Mounting
Unipower Supply (Optional)	5 In one power Chord Supply for Stacked pumps
Docking Station (Optional)	Dock 4 pumps & Mountable on poles with Single power Supply Chord.
Operating & storage conditions :	
Temperature	-10 to 50 degree C
Humidity	15 to 90 %
Pressure	50 to 106 kpa

PRODUCT CODE : PUM PUMP SRXMAX | PCA KIT ORDERING CODE : PUM PUM PCAKIT

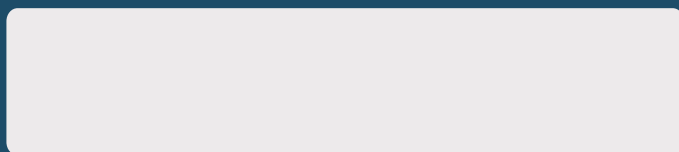
Manufactured by:



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*Specifications are subject to change without notice