



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

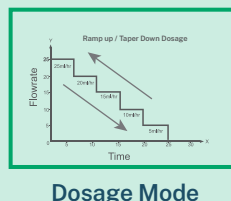
**8
Hrs**

Long Battery
Backup

IP WITH IP PROTECTION

Made in India. Made for the World.TM

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 LiPO 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 | |
| | PCA.D | PCA probe disconnected | |
| | OCEL | Occlusion Pressure limit reached | |
| | P.OEL | Occlusion Pressure Prealarm | |
| | OFF | Battery Discharged | |
| | RL1 | Syringe Holder Disturbed during infusion | |
| | RL 2 | Delivery Line disconnected alarm | |
| | RL 3 | Internal Mechanism fault | |
| | RL 4 | Mains to Battery changed. Flow rate reduced to Battery range | |
| | 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 | Low patient back pressure, Maintain bed level equal to pump | |
| 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, mc/kg/min, mcg/kg/hr, mcg/kg/min) **More than 100 Drug name storage as per user request | | |
| Communication | Computer Interface (HL7/RS232), Wifi available | | |
| 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 | | |

| | | |
|----------------------------------|--|--------------------|
| 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; 170x96x 133 - (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 Infuion 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 Stand (Optional) | Stack 4 pumps & Mountable on poles with unipower 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:



SP 127, 1st Main Road, Ambattur Industrial Estate, Chennai- 600058
M : +91-98403 79116 | E : sales@akasinfusions.com | W : www.akasinfusions.com



Your Nearest Dealer

*Specifications are subject to change without notice