



World's most
environmental friendly

7VA

2.2L

World's most
compact pump

World's lightest
pump at

1.9kg

8Hrs

Long Battery Backup

AKAS TERUMAX Rx

Front Loading Syringe Pump



1.9KG WEIGHT

Weightless, carrying 4 pumps, mobility is comfortable.



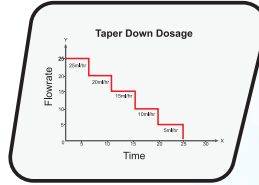
PCA Function

PCA Handset (Optional Accessory)



HIGH FLOW RATES

High flow rate of 3000 ml/hr can quickly deliver in an emergency.



Dosage Ramp up & Taper Down

10 Sequential programs for Dosage Ramp up & Taper down function



PORTING MULTIPLE PUMPS

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



Drug Library

Drug library function with mg/kg/hr, mg/kg/min, mcg/kg/hr, mcg/kg/min

SPECIFICATION

| | | | |
|---------------------------------|--|----------|--------------|
| Power Supply | 220-240V AC | | |
| Battery | 12V (800 mAh) NiMH Battery | | |
| Battery Backup | 8hrs @ 5ml/hr Flow rate on 50ml Syringe | | |
| Power Consumption | 7 VA | | |
| Display | LCD & LED Display. | | |
| Applicable Syringe | 2ml, 5ml, 10ml, 20ml, 30ml, 50/60ml Syringes from any brand. Custom Programmable for any brand Syringe also available. | | |
| Automatic Syringe Size Detector | Available | | |
| Flow Rate | Mains | Battery | Syringe 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 | 10 ml |
| | 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 ml | | |
| Elapsed Time | Display of Elapsed time from 00:01 to 199:59 hrs | | |
| Dosage ramp up/ taper down | Sequential program of 10 different | | |
| (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 | Syringe 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 | 10 ml |
| | 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 | 0.1ml to 10 ml in 0.1 ml increments |
| Occlusion Pressure | 10 steps selection (OFF to 9 Levels). |
| Anti -Bolus function | Available. |
| 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 |
| OccL | - Occlusion Pressure limit reached |
| P.ocL | - Occlusion Pressure Prealarm |
| OFF | - Battery Discharged |
| AL 1 | - Syringe Holder Disturbed during infusion |
| AL 2 | - Delivery Line disconnected alarm |
| AL 3 | - Internal Mechanism fault |
| AL 4 | - Mains to Battery changed. Flow rate reduced to Battery range |
| AL 5 | - Mains Voltage Over the Limit |
| AL 6 | - Mains Voltage Below 215 reduce Flow rate <= 2000 ml/Hr |
| AL 9 | - Priming Not Done |
| AL 10 | - Occlusion sensor Failed |
| AL 11 | - Low patient back pressure, Maintain bed level equal to pump |

| Audio/Visual Indication & Alarms: | |
|--|--|
| Target reached (time or volume), Occlusion, 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. |
|-------|---|
|-------|---|

| 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) | |

| 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 |
|----------------|---|
|----------------|---|

| 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 | CE, ISO 13485:2016, ISO 9001:2008 |
|---------------|-----------------------------------|
|---------------|-----------------------------------|

| Space Occupied | 2.2 ltrs |
|----------------|----------|
|----------------|----------|

| Weight & Dimension | 1.9 kg; 170 x 96 x 133 (L x B x H) |
|--------------------|------------------------------------|
|--------------------|------------------------------------|

Product Ordering Code



PUM PUM SRXMAX



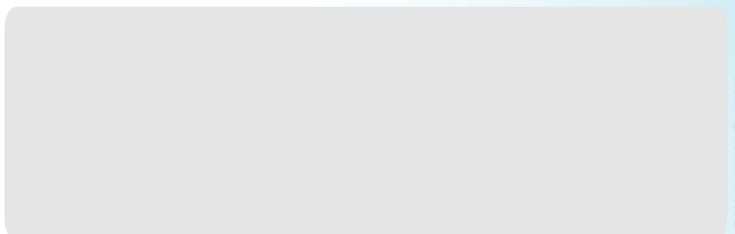
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*Specifications are subject to change without notice