



MAX
MEDITECH



VIZYON SP500 Syringe Infusion Pump

Precise | Reliable

- Provision of Front Loading
- Facility of Stacking
- Inbuilt Drug Library
- Display of Drug Name, Volume Infused, Infusion Time & Flow Rate.
- Bolus with Safety Time Lock
- Settable Target Volume with Pre-alarm
- Programmability to accept Multiple brand of Syringes
- Automatic Rate Calculation with Volume and Time Limit

SPECIFICATIONS

SYRINGE	<ul style="list-style-type: none"> 10, 20, 30, 50/60ml standard size with automatic size detection 5ML*, 100ML * Front loading of syringe All available standard brands of syringes. Custom Programmable to any brand of syringe.
FLOW RATE RANGE	<ul style="list-style-type: none"> 0.1-999.9ml /hr (Depending on syringe size) with increment of 0.1ml/hr. Higher rate available on request Increment of 0.01ml/hr for range up to 99.99ml/hr *
INFUSED VOLUME RANGE	<ul style="list-style-type: none"> 0.1 -999.9ml
BOLUS RATE & VOLUME	<ul style="list-style-type: none"> 300-999.9ml/hr (depending on syringe size), Volume is programmable by user Higher rate (>1200ml/hr) & programmable Bolus Rate available on request.
BOLUS INTERVAL	<ul style="list-style-type: none"> A minimum interval of time can be preset between two Bolus dose to avoid accidental over infusion, 1min to 24 Hrs.
PURGE FACILITY KVO	<ul style="list-style-type: none"> To Prevent Needle Clogging with Programmable Kvo Rate
OCCCLUSION	<ul style="list-style-type: none"> 3-4 Levels. Anti bolus mechanism in case of occlusion 9 Levels or more (optional) Monitoring of Actual In Line Pressure & Set Occlusion Level *
PUMP STACKING	<ul style="list-style-type: none"> Multiple Pump Stacking with Normal or Optional Single Power Cord. Facility of Stacking of 2-3 Pumps with built in Stacking Clips, ensures more useful group application & portability in & around the hospital premises. Integrated pole clamp

BODY WEIGHT MODE *	<ul style="list-style-type: none"> Delivery rate is calculated (Optional Mode) automatically based on Volume & time pre selection or on values entered for patient body weight with drug parameters.
DRUG LIBRARY	<ul style="list-style-type: none"> 48 Standard Drugs, additional. More No. of Drug names available on request.
MULTI STAGE PROGRAMMING *	<ul style="list-style-type: none"> Ramp up & Ramp down facility
ALARMS	<ul style="list-style-type: none"> Occlusion, End of syringe, Low Battery, Syringe displaced, No Syringe, Wrong Syringe, Pre Alarm for End, Invalid Rate, Target Volume, Target Time, Target volume Pre-alarm, Mains Failure Alarm, Preventive Maintenance Alarm. Line Disconnection Alarm *
ACCURACY	<ul style="list-style-type: none"> Volume +/- 1%, Time +/- 1%
TIME LIMIT	<ul style="list-style-type: none"> Time from 00:01 to 23:59 (hrs:min) or more if specially demanded
VOLUME LIMITS	<ul style="list-style-type: none"> From 0.1ml to capacity of the syringe Higher volume limits on request.
POWER	<ul style="list-style-type: none"> 230 VAC, +/- 10%, 50/60 Hz, 12VA External DC Source *
BATTERY TYPE	<ul style="list-style-type: none"> Ni-Mh, 12V/9.6V, 1300 mAh
BATTERY BACK UP	<ul style="list-style-type: none"> 5-6 hrs (Typ.) @ 5ml/hr. or longer optional specially demanded
BATTERY RECHARGING	<ul style="list-style-type: none"> 20 Hrs. for full charging
STANDARDS	<ul style="list-style-type: none"> Tested as per IEC 60601.1, 60601-1-2, 60601-2-24
DISPLAY	<ul style="list-style-type: none"> Dot Matrix Alpha - Numeric Display

• Specification are subject to change without prior notice
 • Features are optional.

OUR PRODUCT RANGE

• Cardiology Products :

- VIZYON E100** - 3 Channel ECG
- VIZYON E200** - 12 Channel ECG
- VIZYON M10** - 10" Configurable Patient Monitor
- VIZYON M12** - 12" Configurable Patient Monitor
- VIZYON M15** - 15" Configurable Patient Monitor upto 7 Parameters [ECG, SPO₂, Respiration, Temperature, NIBP, IBP (1,2,3 Ch) - Optional, EtCO₂ (Optional)]

• Respiratory Care Products :

- **NEO** - Anesthesia Ventilator
- **RESPIMAX PLUS** - Multi Utility Ventilator
- **PROTON PLUS** - Critical Care Ventilator
- **PROTON PLUS PRO** - Critical Care Ventilator with HFNC Functionality
- **OXYWEAN NIV** - Non Invasive Ventilator with HFNC & Bubble - CPAP Functionalities combined in one Device

• Other ICU Products :

- **VIZYON P10** - Pulse Oxymeter
- **VIZYON SP500** - Syringe Pump
- **VIZYON SP900** - Syringe Pump



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