

SPECIFICATIONS

Infusion mode
<ul style="list-style-type: none"> Rate mode, Time mode, Micro infusion mode, Body weight mode, Ramp up/Ramp down mode (optional) Sequential mode (optional), PCA mode (optional)
Accuracy
<ul style="list-style-type: none"> ±1% (under specified conditions)
Infusion rate
<ul style="list-style-type: none"> 5 ml syringe 0.1 – 120 ml/hr, in steps of 0.1ml/hr 10ml syringe 0.1 – 300 ml/hr, in steps of 0.1ml/hr 20ml syringe 0.1 – 600 ml/hr, in steps of 0.1ml/hr 50/60ml syringe 0.1 – 1800 ml/hr, in steps of 0.1ml/hr (0.01ml/hr increment step is optional)
Volume to be infused
<ul style="list-style-type: none"> 0 ~ 999.99 ml, in steps of 0.01ml
Volume infused
<ul style="list-style-type: none"> 0 ~ 999.99 ml
KVO rate
<ul style="list-style-type: none"> 0.1 – 10 ml/hr, in steps of 0.1ml/hr (Default 0.1ml/hr)
Bolus (ml/hr)
<ul style="list-style-type: none"> Automatic/Manual bolus rate programmable up to 1800 ml/hr Bolus dose programmable up to 999.99 ml
Purge
<ul style="list-style-type: none"> 0.1 – 1800 ml/hr
Applicable Syringes
<ul style="list-style-type: none"> Disposable sterile syringes: 50/60, 30, 20, 10, 5 ML & 2/3mL(optional) Pre-configured 16 brands & possibility of 4 new custom syringe brands by user Automatic syringe size detection
Specific functions
<ul style="list-style-type: none"> More than 80,000 event logs Multiple pumps stacking facility Adjustable alarm volume level Syringe flange insertion detection Illuminated Front Panel Keys Optional PCA (Patient Control Analgesia) Night mode feature Flappable Display panel providing safe syringe access Keyboard lock facility Drug library with more than 100 nos. of commonly used drugs and extendable up to 2000 drug names (optional) Potential Free Contacts for Nurse Call (Optional) Diagnostic screen for system maintenance

Audio Visual Alarms
<ul style="list-style-type: none"> Syringe disengaged, Occlusion Pre-alarm, Occlusion, Patient IV line disconnection, Syringe empty & syringe near end, VTBI near end and VTBI done, Low battery, Battery Discharged, Motor error, Syringe Flange Out, Drive Disengaged alarm, mains failed, reminder alarm, Standby done alarm, system error, please insert syringe
Display
<ul style="list-style-type: none"> Large TFT color LCD, 16:9 format Information shown - Delivery rate, current infusion, VTBI, total volume, syringe size, syringe brand, pressure limit Actual pressure bar graph, Battery capacity, alarms, infusion going on indication Adjustable brightness control (1-99 levels)
Occlusion pressure
<ul style="list-style-type: none"> Multiple levels programmable of occlusion pressure settings as per user's choice (more than 10 levels).
Power supply
<ul style="list-style-type: none"> AC: 100-230V 50/60Hz; DC: 9V
Battery
<ul style="list-style-type: none"> Li-ion 7.4V 2500mAh, back-up time ≥ 8 hours under test condition, charging time 8-10 hours
Rs485 / Rs232
<ul style="list-style-type: none"> HL7 computer system interface for HIS
Dimension
<ul style="list-style-type: none"> 295 x 87 x 171 mm (L x H x B)
Net weight
<ul style="list-style-type: none"> @ 2 Kg
Operating conditions
<ul style="list-style-type: none"> Temperature : 5 °C – 40 °C, Relative humidity 10-95 %, Atmosphere pressure : 86 – 106Kpa
Storage conditions
<ul style="list-style-type: none"> Temperature: -20 °C – 45 °C, Relative humidity 10 – 95 %, Atmosphere pressure : 86 – 106Kpa
Safety classification
<ul style="list-style-type: none"> Class I, Device type CF
Standards
<ul style="list-style-type: none"> EN60601-1, EN60601-1-2, EN60601-2-24, EN60601-1-4, IEC529 LEVEL 3 (IP3X)

- Specification are subject to change without prior notice
- Due to our continuous programme upgradation we reserve our rights to change any specifications without prior notice.

OUR SUCCESS LIES IN OUR CLIENT'S SATISFACTION



OUR PRODUCT RANGE

CE 0123

• 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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