

# INFUSYS SERIES

## Syringe Pump



CDSCO Mfg.Lic.No: MFG/MD/2024/000441

### Technical Specifications:

<b>INFUSION MODES</b>	Rate-Volume, Volume-Time, Rate-Time
<b>SYRINGE SIZES</b>	Automatic detection of 5ml, 10ml, 20ml, 30ml, 50/60ml
<b>FLOW RATE</b>	5 ml Syringe: 0.1 to 200ml/hr 10 ml Syringe: 0.1 to 400ml/hr 20 ml Syringe: 0.1 to 600ml/hr 30 ml syringe: 0.1 to 900ml/hr 50/60 ml Syringe: 0.1 to 1500ml/hr
<b>VOLUME (VTBI)</b>	0.1 ml to 9999.9ml 0.1 ml increment.
<b>BOLUS RATE</b>	5 ml Syringe: 0.1 to 200ml/hr 10 ml Syringe: 0.1 to 400ml/hr 20 ml Syringe: 0.1 to 600ml/hr 30 ml syringe: 0.1 to 900ml/hr 50/60 ml Syringe: 0.1 to 1500ml/hr
<b>AUTO BOLUS (VTBI)</b>	0.1 to 60 ml
<b>PURGE RATE</b>	200ml/hr to 1500ml/hr Syringe based.
<b>KVO</b>	0.1 to 10ml/hr
<b>OCCCLUSION PRESSURE</b>	Low : 300 mmHg $\pm$ 100 mmHg Medium : 600 mmHg $\pm$ 100 mmHg High : 900 mmHg $\pm$ 100 mmHg
<b>SET TIME</b>	00:01 to 99:59 Hrs
<b>PAUSE / STANDBY</b>	1 min – 24 Hrs
<b>FLOW RATE ACCURACY</b>	$\pm$ 1% Mechanical, $\pm$ 2% Including Syringe (With Recommended and Quality Syringes)
<b>PRE-ALARM</b>	Volume Limit, Occlusion of the Line, Low Battery, Near Empty.
<b>ALARMS</b>	Plunger Disengaged, Clutch Disengaged, Syringe Installation Error, Infusion Completed, Occlusion, System Error, End of Infusion, Low Battery, Preventive Maintenance, Load Syringe.
<b>DISPLAY</b>	2.8" TFT High-Resolution Colour Screen
<b>DISPLAY PARAMETERS</b>	Set Flow Rate, Set Volume, Set Time, Calculated-Rate / Volume / Time, Volume Infused, Elapsed Time, $\Sigma$ Volume Infused, Syringe Size with Brand Name, Battery Level Indicator with Percentage, Running Status of Pump, Visual Alarm Message, Set Occlusion Level, Real Time Clock, Infusion Mode Name, Drug Name, Indicator for Keypad Locking.
<b>BATTERY &amp; CHARGING TIME</b>	7.4V, 2600 mah Lithium-ion, 6hrs Automatic Rechargeable.
<b>BATTERY BACKUP</b>	8hrs @ 5ml/hr
<b>POWER SUPPLY</b>	100 to 265 V AC, 50/60Hz, DC 12V 3A
<b>WEIGHT AND DIMENSION</b>	1.8kg and 255mm(L) $\times$ 95mm(W) $\times$ 130mm(H)
<b>CERTIFICATIONS</b>	ISO 13485, CDSCO registered INDIAN Medical Device Manufacturer
<b>ELECTRICAL SAFETY</b>	Class I, Type CF
<b>WATER PROOF STD</b>	IPX4
<b>DOCKING</b>	Options to mount 4/6/8 Pumps with multi & across Combination of Syringe Infusion pump & Volumetric Infusion pump.
<b>STACKING</b>	Upto 3 Pumps
<b>EXTERNAL INTERFACE</b>	12V DC
<b>ENVIRONMENTAL CONDITION (Operating &amp; Storage)</b>	Temperature : 10°C to 50°C 15 % to 95 % 5.5 $\pm$ 2kpa to 106 $\pm$ 5kpa

Specifications and Features Subject to change without prior notice.



## INFUSYS-S

- ♦ Innovative Multi-layer Screen for enhanced visibility and interface.
- ♦ Anti-Bolus and Anti-Siphon Safety protection in built design.
- ♦ RTOS based firmware simplified for user Intuitive operation.
- ♦ Effortless Custom Syringe Calibration.
- ♦ Dedicated Hardware based sensors to detect Critical Alarms for Safe infusion.
- ♦ Automatic syringe size detection.
- ♦ Comprehensive design Stacking & Docking facility combining Syringe Pump & Volumetric Pump.



Available at:

**XAVIER Med Pvt. Ltd.**

16-2-741/9, Andhra Bank Colony,  
Rishi Arcade, Moosarambagh, Hyderabad.  
Ph: 8008895079, 8008895680, 9849466520