

SYRION

Syringe Infusion Pump



Simple



Accurate



Versatile

SPECIFICATIONS

Functioning

Overall Accuracy	2% +/- (measured Time > 1 Hr; Min 0.2ml)
Applicable Syringe	5/6ml, 10/12ml, 20/25ml, 50/60ml
Mode	Flow rate
	Target Time
SYRINGE TYPE USED	B I BRAUN-Omnifix, B I BRAUN-Perfuser, BD-Presies, BD-Luerlok, BD-Discardit, BD-Plastipak, BD-Emerald, Dispovan, Romson, Nipro & Custom Programmable For Any Brand of Syringe.
	5/6, 10/12, 20/25, 50/60 ML Syringes with Their Different Models.
Flow Rate Range	0.1 - 200ml/hr For 5/6 ML Syringe 0.1 - 500ml/hr For 10/12 ML Syringe 0.1 - 800ml/hr For 20/25 ML Syringe 0.1 - 3000ml/hr For 50/60 ML Syringe (above 200.1 with Password Protected In High Infusion)
Infusion Volume Limit	9999ml, Programmable Every 0.1ml

Features

Auto Detection	Automatic Syringe size detection of 5, 10, 20, 50 ml.
Drug Library	50 Number of Different Drugs
Bolus	Purge Bolus & Auto Bolus
Purge Bolus Flow rate	300ml/hr For 5/6 ML Syringe 500ml/hr For 10/12 ML Syringe 800ml/hr For 20/25 ML Syringe 1500ml/hr For 50/60 ML Syringe
Auto Bolus Flow rate	0.1 to 300ml/hr For 5/6 ML Syringe (Programmable Rate Set) 0.1 to 500ml/hr For 10/12 ML Syringe (Programmable Rate Set) 0.1 to 800ml/hr For 20/25 ML Syringe (Programmable Rate Set) 0.1 to 1500ml/hr For 50/60 ML Syringe (Programmable Rate Set)
Occlusion Pressure	High Mode Medium Mode Low Mode / No Occlusion
Anti-Bolus Function	Available, Automatic pressure reduce in Drug delivery line During Occlusion Alarm Occurs
KVO Rate	Min 0.1ml / hr to 1% of Selected Infusion Rate upto 5ml / hr
Audible and Visual Alarms	'Red' indicator is flashing on the top of pump when any alarm occurred. - Connect Power - Low Battery

	- Check Syringe
	- Drive Disengage
	- Occlusion - Anti Bolus - KVO Active
	- Near END of infusion
	- Infusion Completed or End of Infusion
Intimation	Insert Syringe Pre Occlusion Detected Bolus Active Stand By (Hold)
Display	20*4 LCD indicates Rate, Infused Volume, Time remain, Drug Name, Syringe Size, Syringe Name. Occlusion, VTBI, Power Mode 4 Seven Segment Display indicates Rate (in big font)
Power	
Power Supply Internal	AC Input Range 110 Volt To 280 Volt AC, 50/60hz
Battery	SMF Rechargeable/ Lithium-Iron 7.4V 2000mAh
Battery Charging Time	Lithium - Iron Standard 06 Hr @ 5ml/hr.
Battery Operating	Lithium - Iron 6-8Hr @ 5ml/Hr (Optional)
Power Consumption	10 Watts Max.

Housing and Construction

Weight	1.6 Kg Approx.
Dimension	215 mm (l), 120 mm (h), 115 mm (w) Approx.
Temperature	0 to 48°C for Operating / -10 to 60°C for Storage
Humidity	20 to 75% for Operating / 15 to 100% for Storage
Air Pressure	50 to 100kPa for Operating / 40 to 110kPa for Storage
	Enclosure Housing Protected against water ingress.
Noise (dBA)	<50 dB
Interface	
Data Interface	Rs485 (Optional)

Standard and Test Certification

IEC Certification	
Quality Standard	ISO 13485 : 2016
Fuse Type	220v 2 x 2 Amp

- Running Program Changing the infusion Rate without Stopping the Infusion
- 'Green' Light indicator is flashing on the top of pump When Pump is Running Mode
- Standby mode facility available
- Last Running program continue facility
- Stackable up to 4 Syringe Pump
- Front loading with Auto & manual plunger opening syringe pump.
- Dual Switch Master (Mechanical) And Slave (Touch) For ON/OFF
- Keypad Lock Facility Available

- Easy to Fixing with Horizontal and Vertical Pole Using Rotating Clamp (Optional)
- Easy To Upgradable
- Load Default (Automatic) Calibration Available Without Interfacing Any peripheral Device
- Docking Station (If Required) Dock 5 Pumps & Mountable on Poles with single Power Supply Cord (Optional)
- Calibration of syringes can be customized, Onsite/off-site, for any local make syringe up to 50 different makes.

Our Nearest Contact

Manufactured By

DEVAY® MEDICAL TECHNOLOGIES

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