

SYRION^{Plus}

Syringe Infusion Pump



Simple



Accurate



Versatile

SPECIFICATIONS

Functioning

Overall Accuracy	2% +/- (measured Time > 1 Hr; Min 0.2ml)
Applicable Syringe Mode	2/3ml, 5/6ml, 10/12ml, 20/25ml, 50/60ml
	Flow rate
	Target Time
	Sequential Mode Tapper Up/Down
	Weight Mode
	PCA (Patient-controlled analgesia) (Optional)
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.
	2/3, 5/6, 10/12, 20/25, 50/60 ML Syringes with Their Different Models.
Flow Rate Range	0.01 - 100ml/hr For 2/3 ML Syringe
	0.01 - 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 - 2000ml/hr For 50/60 ML Syringe
Infusion Volume Limit	9999ml, Programmable Every 0.1ml

Features

Auto Detection	Automatic Syringe size detection of 2, 5, 10, 20, 50 ml.
Drug Library	50 Number of Different Drugs
Bolus	Purge Bolus & Auto Bolus
Purge Bolus Flow rate	300ml/hr For 2/3 ML Syringe
	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 200ml/hr For 2/3 ML Syringe (Programmable Rate Set)
	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

- 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 5 Syringe Pump (optional)
- Front loading with Auto & manual plunger opening syringe pump.
- Dual Switch Master (Mechanical) And Slave (Touch) For ON/OFF (optional)
- Keypad Lock Facility Available
- Can be used in ICU, ICCU, Surgery, Ambulance, Pain Management, and also for Thalassaemia patients with high precision Accuracy

Manufactured By

DEVAY® MEDICAL TECHNOLOGIES

Reg. Office : 428-422 to 426 - Siddharth Nx-2, 4th Floor, Opposite Indian Oil Petrol Pump, Beside Lillieria Flats, Sama-Savli Main Road, Vadodara - 08, Gujarat, INDIA, Mobile : 9824251515 • E-mail : devay.devay@gmail.com

www.devaymedical.com / www.devay.in

KVO Rate	Min 0.1ml / hr to 1% of Selected Infusion Rate upto 5ml / hr (or Manual select)
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
	PCA Active (Optional)
	Pre Occlusion Detected
	Bolus Active / Stand By (Hold)
Display	3.0" Large Graphics display indicates Rate (in big font) Infused Volume, Time remain, Drug Name, Set Volume, Syringe size, Syringe Name. VTBI, graphically presentation of the set occlusion Pressure continuously shown on Display
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

Interface

Data Interface	RS485 (Optional)
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Standard and Test Certification

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

- Easy to Fixing with Horizontal and Vertical Pole Using Rotating Clamp (Optional)
- Easy To Upgradable (optional)
- 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)

Our Nearest Contact

Factory : 62/63, Kanha Industrial Estate, Opposite Indian Oil Petrol Pump, Savli-Manjusar Rd, Nr. Narmada Canal, Dist. Vadodara - 391 775, Gujarat, INDIA.

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