

# SN-50C6 Syringe pump

## ▶ International standard syringe pump

- **Compatible:** Automatic syringe calibration, suitable for all brands
- **Convenient:** "Openable slider hook", convenient to clamp syringe plunger
- **Powerful:** Battery capable to support more than 6 hours for one channel continuous working



# SN-50C6 Syringe Pump



## SPECIFICATION (Single Channel)

Syringes	10, 20, 30, 50 mL of calibrated syringes	
Flow rate	0.1~1500 mL/h (specified value 0.1 999.9 mL/h, 0.1 mL/h step) (specified value 1000 mL/h or above, 1mL/h step) 0.1~900 mL/h (0.1 mL/h step) 0.1~600 mL/h (0.1 mL/h step) 0.1~400 mL/h (0.1 mL/h step)	50 mL syringe 30 mL syringe 20 mL syringe 10 mL syringe
Purge rate	1500 mL/h 900 mL/h 600 mL/h 400 mL/h	50 mL syringe 30 mL syringe 20 mL syringe 10 mL syringe
Accuracy of flow rate (Nominal value)	Accuracy including syringe: within $\pm 2\%$ Mechanical accuracy: within $\pm 1\%$	
Display range of volume delivered	0.1~9999 mL (0.1~999.9 mL, 0.1 mL step) (1000 ~ 9999 mL, 1 mL step)	
Setting of delivery limit	0.1~9999 mL (0.1~999.9 mL, 0.1 mL step) (1000 ~ 9999 mL, 1 mL step)	
Occlusion detection pressure	'H': 800 $\pm$ 200 mmHg (106.7 $\pm$ 26.7 kPa) or 1.09 $\pm$ 0.27 kgf/cm <sup>2</sup> 'C': 500 $\pm$ 100 mmHg (66.7 $\pm$ 13.3 kPa) or 0.68 $\pm$ 0.13 kgf/cm <sup>2</sup> 'L': 300 $\pm$ 100 mmHg (40.7 $\pm$ 13.3 kPa) or 0.41 $\pm$ 0.13 kgf/cm <sup>2</sup>	
Alarms	'Occlusion', 'Nearly empty', 'Finish', 'Syringe dislocated', 'Plunger/Clutch disengaged', 'Battery low', 'Battery exhausted', 'Power cable disconnected', 'Flow rate over limit', 'Volume over limit', 'System error', 'Non-operation time over'	
Power	AC110~220V $\pm 10\%$ , 50~60 Hz $\pm 1$ Hz Inner NiMH battery: DC12 V Continuous operation time of battery: over 4 hours for dual channel when battery is recharged for 12 hours, at flow rate of 5 mL/h.	
Operation conditions	Ambient temperature: 5 to 40 °C, Relative humidity: 20% to 80%	
Storage conditions	Ambient temperature: -40 to 55 °C, Relative humidity: $\leq 95\%$	
Electric shock protection/class	Class I and internal power supply: Type CF, Continuous operation	
Water proof level	IPX4	
Weight	2.25kg (with clamp base)	
Dimension	306mm (Width) $\times$ 135mm (Height) $\times$ 127mm (Depth)	

## Function

Specify syringe size automatically	Fast rate control
Identify syringe size automatically	"Purge" button activate safe protection
3-level occlusion alarm limits setting	Flow rate setting button lock
Automatically reduce impact dose release after occlusion	Abundant optic and sound alarm
Limits setting	AC and internal power indication
Delivered volume inquiry	Standard RS232 interface
KVO flow rate	500 history records

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