

SN-50C6/SN-50C66R

Syringe pump

SN-50C66R supports wireless communication function



- Accurate:** Calibrating automatically, compatible with all brands of syringes
- Stable:** Quality parts and rigorous manufacturing process management secure stability
- Convenient:** Openable slider hook accounts for accessible to clamp the syringe plunger
- Smart:** With built-in wireless communication module, provides smart networking and management function (SN-50C66R)



Sino Medical-Device Technology Co., Ltd.

6th Floor, Building 15, No. 1008 Songbai Road, Nanshan District, Shenzhen, P.R. China Zip: 518055

+86-755-26755675 +86-755-26755692 Hotline: +86-4008860334

Simplified Chinese : www.sionmdt.com English: www.sinomdt-global.com

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, 1 ml/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)	50mL syringe 30mL syringe 20mL syringe 10mL syringe
Purge rate	1500 mL/h 900 mL/h 600 mL/h 400 mL/h	50mL syringe 30mL syringe 20mL syringe 10mL syringe
Accuracy of flow rate (Nominal value)	Accuracy including syringe: with in $\pm 2\%$ Mechanical accuracy: with in $\pm 1\%$	
Display range of volume delivered	0.1~9999mL (0.1~999.9mL,0.1mL step)(1000~9999mL,1mL step)	
Setting of delivery limit	0.1~9999mL (0.1~999.9mL,0.1mL step)(1000~9999mL,1mL step)	
Occlusion detection pressure	'H': 800 $\pm$ 200 mmHg (106.7 $\pm$ 26.7 kPa) or 1.09 $\pm$ 0.27 kgf/cm ² 'C': 500 $\pm$ 100 mmHg (66.7 $\pm$ 13.3 kPa) or 0.68 $\pm$ 0.13 kgf/cm ² 'L': 300 $\pm$ 100 mmHg(40.7 $\pm$ 13.3kPa) or 0.41 $\pm$ 0.13 kgf/cm ²	
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 6 hours for one channel, 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: -20 to 55 °C Relative humidity: $\leq$ 95%	
Electric shock p_rotection/class	Class I and internal power supply: Type CF,Continuous operation	
Water proof leve	IPX4	
Weight	2.25kg (with clamp base)	
Dimension	306mm (Width)x 135mm (Height)x 127mm (Depth)	

Function

Calibrating syringe automatically	Fast rate control
Identifying syringe size automatically	"Purge" button activate safe protection
3-level occlusion alarm limits setting	Flow rate setting button lock
Delivered volume inquiry	Abundant optic and sound alarm
Limits setting	AC and internal power indication
Automatically reducing impact dose release after occlusion	Standard RS232 interface
KVO flow rate(0.1-1.0ml/h Adjustable)	1000 history records
Wireless communication (SN-50C66R)	Multi-direction clamp for either horizontal or vertical fixation