

SN-50C6/SN-50C66R Syringe pump

SN-50C66R supports wireless communication function



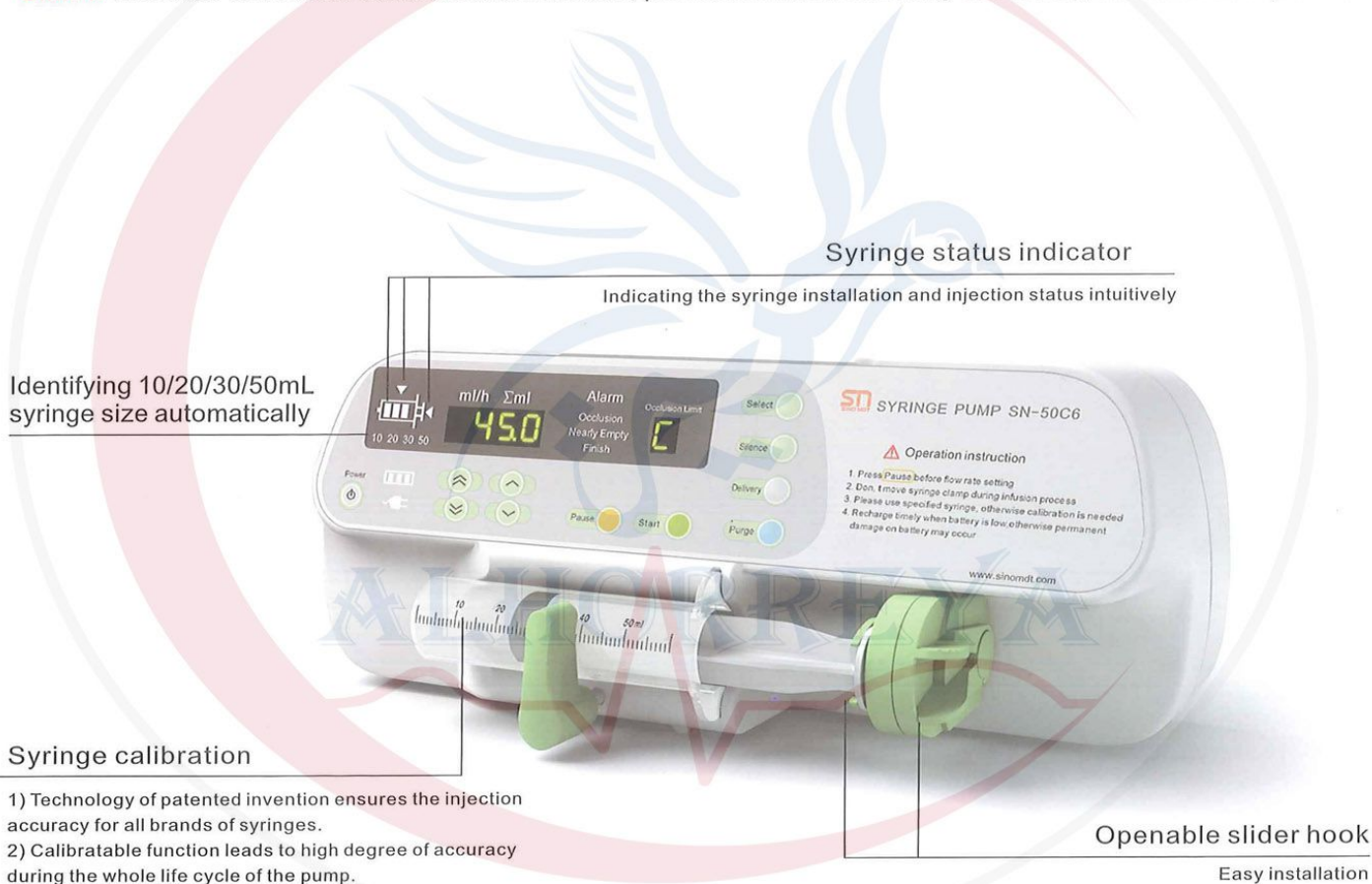
Easy to use, high quality syringe pump

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)



Syringe status indicator

Indicating the syringe installation and injection status intuitively

Identifying 10/20/30/50mL syringe size automatically

Syringe calibration

- 1) Technology of patented invention ensures the injection accuracy for all brands of syringes.
- 2) Calibratable function leads to high degree of accuracy during the whole life cycle of the pump.

Openable slider hook

Easy installation

The above features applicable for all modes of syringe pumps.

SN-50C6/SN-50C66R 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 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 13.3 kPa) 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 ± 1 Hz Inner NiMH battery: DC12 V Continuous operation time of battery: over 6 hours for one 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 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

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
Automatically reducing 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 (0.1-1.0ml/h Adjustable)	1000 history records
Wireless communication (SN-50C66R)	Multi-direction clamp for either horizontal or vertical fixation