

SN-50C66T/SN-50C66TR

Syringe pump



Easy to use, high quality syringe pump



Drug library is optional
Support 14 languages



Accurate Calibrating automatically, compatible with all brands of syringes

Smart With built-in wireless communication module, provides smart networking and management function (SN-50C66TR)

Secure Dual-CPU monitoring, more secure

Powerful Support speed mode, drip mode, body weight mode, time mode and Drug Library mode



Sino Medical-Device Technology Co., Ltd.
Build Quality, Build Reliability

SPECIFICATION(Single-Channel, Body Weight Mode)		
Syringes	5, 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) 0.1~150 mL/h (0.1 mL/h step)	50 mL syringe 30 mL syringe 20 mL syringe 10 mL syringe 5 mL syringe
Purge rate	5~1500 mL/h 5~900 mL/h 5~600 mL/h 5~400 mL/h 5~150 mL/h	50 mL syringe 30 mL syringe 20 mL syringe 10 mL syringe 5 mL syringe
KVO flow rate	0.1~1 mL/h 0.1~5 mL/h	
Infusion Mode	Speed mode, Body Weight mode, Time mode, Drug Library mode	
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	AC110~230V $\pm 10\%$, 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°C ~ 40 °C, Relative humidity: 20% to 80%	
Storage conditions	Ambient temperature: -20°C ~ 55 °C, Relative humidity: $\leq 95\%$	
Electric shock protection/class	Class I and internal power supply: Type CF, Continuous operation	
Power consumption	Approximately 10 W	
Protection class	2, CF, IPX4	
Language	English, Russian, Chinese	
Weight	2.25kg (with clamp base)	
Dimension	306mm (Width) \times 135mm (Height) \times 127mm (Depth)	

Function

Adjustable alarm sound	Adjustable button sound	Operation error prompt
Calibrating syringe automatically	Easy installation of syringe	Fast rate control
Identifying syringe size automatically	2 CPU control	"Purge" button activate safe protection
3-level occlusion alarm limits setting	Vehicle power supply interface	Flow rate setting button lock
Limits setting	Drug library	Abundant optic and sound alarm
Delivered volume inquiry	Self-testing when start up	AC and internal power indication
1000 history records	LCD screen	Standard RS232 interface
Stand by mode	Nearly empty setting(3 modes)	Clear date when power on
Automatically reducing impact dose release after occlusion(Anti-Bolus)	Automatically switch to battery when circuit failure	Multi-direction clamp for either horizontal or vertical fixation
Automatic charging when connect to the circuit	Dynamic pressure monitoring	Manual and programmable bolus(Anti-Bolus)

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