

SN-50T66 Syringe pump

► Easy to use, large-capacity syringe pump

- **Large-capacity:** Support up to 3 channels working at the same time
- **Secure:** Dual-CPU real-time monitoring
- **Accurate:** Automatic syringe calibration, compatible with all brands, working more accurate
- **Convenient:** “Openable slider hook”, convenient to clamp syringe plunger
- **Powerful:** Battery capable to support 3 channels continuous working for 4 hours



SN-50T66 Syringe Pump



SPECIFICATION (Triple 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) 50 mL syringe (specified value 1000 mL/h or above, 1mL/h step) 0.1~ 900 mL/h (0.1 mL/h step) 30 mL syringe 0.1~ 600 mL/h (0.1 mL/h step) 20 mL syringe 0.1~ 400 mL/h (0.1 mL/h step) 10 mL syringe
Purge rate	1500 mL/h 50 mL syringe 900 mL/h 30 mL syringe 600 mL/h 20 mL syringe 400 mL/h 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', 'Channel error'
Power	AC110~230V, 50~60 Hz Inner NiMH battery: DC12 V, 4300mAH Continuous operation time of battery: after battery is recharged for 6 hours, support over 10 hours for one channel, over 4 hours for triple channel at flow rate of 5 mL/h.
Operation conditions	Ambient temperature: 5 to 40 °C, Relative humidity: 20% to 90%
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	5.4kg (with clamp base)
Dimension	455mm (Width) \times 250mm (Height) \times 139mm (Depth)

Function	
Triple channel with different flow rate	KVO flow rate
Channel sleeping function	Fast rate control
Syringe calibrate automatically	"Purge" button activate safe protection
Identify syringe size automatically	Flow rate setting button lock
3-level occlusion alarm limits setting	Abundant optic and sound alarm
Automatically reduce impact dose release after occlusion	AC and internal power indication
Limits setting	Standard RS232 interface
Delivered volume inquiry	500 history records
Wireless communication (Optional)	Operation error prompt

Manufacturer: Sino Medical-Device Technology Co., Ltd.

Add: Room 2-D-2, Huake Building, Oriental Hi-Tech Industrial Park, OCT Nanshan District, Shenzhen, P.R.China
 Tel: (86)755-26755692 Fax: (86)755-26755687 Zip: 518053
 Website: <http://www.sinomdt.com> Email: information@sinomdt.com