

TOB-S1000 SYRINGE PUMP

1. Complies with IEC 60601, high safety designation with dual CPUs.
2. Automatically identify size for syringes of 10mL, 20mL, 30mL and 50/60mL.
3. Auto calibration for syringes.
4. Up to 11 syringe brands could be preset.
5. Available for Bolus mode, drug weight mode and volume/time mode.
6. High brightness LCD display and user-friendly operation interface.
7. Pressure detection device with 8 sensitivities setting, dynamically display pressure value.
8. Pressure release function when occlusion occurs within the syringe.
9. Stackable module design for space saving and easy operating.
10. CE certified.



• The Specifications of Syringe Pump

Syringe Mode	Micro and continuous injection		
Syringes	10mL, 20mL, 30mL, 50/60mL syringes, self-identified automatically.		
Syringe Brands	Up to 11 syringe brands could be preset.		
Optional Infusion mode	Drug weight mode, volume/time mode.		
Flow Rate Range	10mL syringe: 0.1~300 mL/h	20mL syringe: 0.1~400 mL/h	50mL syringe: 0.1~1200 mL/h
Increment	0.1 mL/h		
Flow Rate Accuracy	$\leq \pm 2\%$ (including accuracy $\pm 1\%$ on mechanism)		
Volume Limit	0.1~9999.9 mL and empty mode available		
Volume Infused Display	0 ~ 9999.9 mL		
Purge Rate	10mL syringe: 300 mL/h 30mL syringe: 600 mL/h	20mL syringe: 400 mL/h 50mL syringe: 1200 mL/h	
Bolus Rate	10mL syringe: 0.1~300 mL/h 30mL syringe: 0.1~600 mL/h	20mL syringe: 0.1~400 mL/h 50mL syringe: 0.1~1200 mL/h	
Optional Inject Rate Unit	mL/h, mg/h, ug/kg/min, mg/kg/min, ug/kg/h, mg/kg/h, and ug/h.		
KVO Rate	1 mL/h		
Occlusion Pressure	Pressure detection device with 8 sensitivities setting, 20~140KPa, dynamically display pressure value.		
Audio and Visual Alarms	AC power lost, Barrel clasp, Plunger head, Finished. KVO, Near empty, Empty, Occlusion, Low battery, Bat. ran out, Battery lost, No operat.		
Display	Blue LCD with high brightness		
Communication Port	RS-232 (for nurse call)		
Power Source	AC: 100V~240V, 50Hz/60Hz, $\leq 25VA$		
Battery	Rechargeable Ni-MH battery: DC9.6V, 2000mAh, life: ≥ 4 hours at 5mL/h, remaining battery displayed.		
Operating Conditions	Temperature: 5°C~40°C	Relative humidity: 20%~90%	Atmospheric pressure: 70~106KPa
Storage Conditions	Temperature: -20°C~55°C	Relative humidity: 10%~90%	Atmospheric pressure: 70~106KPa
Classification	Class II, CF, IPX4		
Dimensions and Net Weight	305mm x 185mm x 165mm; 2.0kg		
Application	Intravenous injection		