



INFUSION PUMP TOB-I1000

1. Complies with IEC 60601, higher security for infusion.
2. Volumetric infusion pump, with flow rate accuracy $\leq \pm 5\%$.
3. Unique automatic calibration function to enhance accuracy.
4. Anti-reverse function on motor to prevent upstream.
5. Self-check when start up and during infusion.
6. Pressure and air-in-line detection devices both with 8 sensitivities setting.
7. Adjustable 8 volume levels of alarm for convenient operation in different environments.
8. Up to 10 adjustment values for various brands of IV set could be stored to make the operation more convenient.

• The Specifications of Infusion Pump

Infusion Mode	Volumetric
Pumping Mechanism	Peristaltic finger pump
IV Sets	Standard IV sets of 10, 15, 20 and 60 d/mL, with diameter 3.4 ~ 4.5mm.
Flow Rate Range	1.0~999.9 mL/h
Increment	0.1 mL/h
Flow Rate Accuracy	$\leq \pm 5\%$ (after calibration)
Volume Limit	1~9999 mL
Volume Infused Display	0~9999 mL
Purge Rate	600 mL/h
KVO Rate	1 mL/h
Occlusion Pressure	Pressure detection device with 8 sensitivities setting, 40~140KPa.
Air-in-line Detection	Air bubble detected by ultrasonic and the device with 8 sensitivities setting, 50~1000 μL .
Alarm Volume	8 levels setting
IV Set Management and Flow Rate Calibration	Up to 10 adjustment values for various brands IV set could be stored to make the operation more convenient.
Anti-reverse Function	Anti-reverse function on motor to prevent upstream
Self-check	Self-check when start up and during infusion
Audio and Visual Alarms	Air-in-line, Door open, Occlusion, Infusion finished, No operation, Battery low, Pump error, Motor reverse, Pressure abnormality, Sound abnormality, AC power lost.
Display	Color LCD with high brightness
Power Source	AC: 100V ~ 240V, 50Hz/60Hz, $\leq 25\text{VA}$
Battery	Rechargeable Ni-MH battery: DC12V, 2000mAh, life: ≥ 4 hours at 25mL/h
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	150mm x 150mm x 235mm; 2.3kg
Application	Intravenous infusion for various liquid medicines, such as vascular expansion solution, anticancer drug, accelerative procreates drug, liquid nutrient, etc. Applicable for micro and rapid infusion.