



# ESB-2307D



## Infusion Pump with Drug Library

### Features:

- \* Patent possessed the Rotary Clip Detector technology that wrap the tube. Able to auto calibrate different brand of infusion tube. This ensure highest accuracy and minimize deviation.
- \* 17 categories of Drug library of total 1033 kinds of drugs
- \* 18 drug dose units
- \* Bolus Function
- \* Switch freely from ml/h to drop/min
- \* Drop counting, Time, Volume, Weight and Drug Library Control
- \* Switch to Drop counting or no drop counting freely
- \* Self-calibrate the occlusion alarm
- \* Auto and Visible alarm system
- \* Infusion Parameter key lockable
- \* Independent parameter set and Bolus setting surface
- \* 5000 events memories
- \* Matrix-Dot Screen
- \* Unique built in energy saving Li-ion battery, allow min 8 hours continuous work in high capacity
- \* Compatible with IV sets of any standard

## Specification:

<b>Pump Type</b>	Peristaltic
<b>Compatible IV Sets</b>	Compatible with IV sets of any standard (including lucifugal IV sets)
<b>Accuracy</b>	With drop sensor: +/- 2%, Without Drop sensor: +/- 5%
<b>Delivery Rate Range</b>	0.1ml/h~1200ml/h (0.1ml/h~99.9ml/h, 0.1ml/h step; > 99.9ml/h,1ml/step) 1~400 drop/min (1 drop/min step)
<b>Delivery Time Range</b>	1~6000 min (1 min step)
<b>Volume Limit Range</b>	0~9999ml (1ml step)
<b>Total Volume Range</b>	0~9999ml (1ml step)
<b>Drug Library Setting Mode Range</b>	Sol. Volume: 1-9999 ml ( 1ml / step) Drug mass: 0.1-9999 (0.1ml / step) (Units: g/mg/u/iu) Dose: 0.001-9.999 (0.001/ step), 10.00-99.99 (0.01 / step) 100.00-999.9 ( 0.1 / step), 1000-9999 ( 1/step) Weight: 0.1-300.0KG ( 0.1KG / step)
<b>Units of Dose</b>	Ug/kg/min, mg/kg/min, g/kg/min, ug/kg/h, mg/kg/h, g/kg/h, ug/min, mg/min, g/min, ug/h, mg/h, g/h, u/min, iu/h, u/kg/h, ng/kg/min
<b>13 Board Heading Drugs</b>	Cardiovascular system, Breathing system, Antibiotics, Antiviral drugs, Alimentary system, NS, Analgesic, Urinary system, Blood system, The endocrine system, Narcotic, Muscle relaxant and Anti neoplastic drug
<b>Purge Rate (Prime)</b>	600.0ml/h
<b>KVO Rate</b>	KVO is 1ml/h when the delivery rate is 10ml/h, otherwise KVO is 3ml/h
<b>Alarms</b>	Air-in-line, Infusion complete when volume limit has been set, Empty container, Occlusion, Door is opened, Waiting over time, No drop been detected, Operational errors, Low battery voltage, Device failures.
<b>Bolus Rate</b>	1.0ml/h~1200ml/hr
<b>Bolus Volume</b>	1-500 ml (1ml/step)
<b>Pressure Range</b>	86Kpa-106Kpa
<b>Power Source</b>	AC power supply:AC220V+/-22V, 50Hz+/-1Hz; Built-in Li Battery:11.IV,2000mAh. 8 hours of continuous operation on a new fully charged battery with infusion running at 20 drop/min. Power consumption≤25VA.
<b>Shock Protection</b>	Class I, Type CF, IP*4
<b>Dimension &amp; Weigh</b>	130mm X 200mm X 230mm, 2kg



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