

BeneFusion VP3

Infusion Pump

Data Sheet



Physical Specifications

Weight	≤ 1.8 kg
Size	150 x 100 x 200mm
Screen	3.0" LCD monochrome screen, 240 x 128 pixels
Brightness	1-8 levels, adjustable
Display	infusion rate, VTBI, pressure limit & status, drug name, remaining time, alarm status, total volume, battery status, brand of IV administration set

Parameters Specifications

Accuracy	≤ ±5%
Mode	Rate Mode (drip mode), Body Weight Mode, Time Mode, Sequential Mode, Loading Dose Mode, Micro-infusion Mode, Ramp Mode
Flow rate	0.1 - 2000ml/h
Increment	the minimum increment is 0.01ml/h
Preset volume(VTBI)	0.1 - 9999ml (increment: 0.1ml)
Preset time	00:00:01-99:59:59, adjustable
Standby time	00:01-99:59
Accumulated volume	0.1-9999 ml
KVO	0.1-30ml/h, default is 0.5ml/h
Purge rate	0.1-2000ml/h
Bolus rate	0.1-2000ml/h (automatic or manual)
Occlusion detection	14 Levels are adjustable, respectively are (75, 150, 225, 300, 375, 450, 525, 600, 675, 750, 825, 900, 975 and 1050) mmHg 4 units of pressure selectable: mmHg/kPa/bar/psi, default is mmHg
Anti-bolus	unexpected bolus reduced when the occlusion occurs
Dose rate units	ug/kg/min, ug/kg/h, ug/kg/24h, mg/kg/min, mg/kg/h, mg/kg/24h, g/kg/min, g/kg/h, ng/kg/min, ng/kg/h, mU/kg/min, mU/kg/h, U/kg/min, U/kg/h, U/kg/24h, kU/kg/min, kU/kg/h, EU/kg/min, EU/kg/h, mmol/kg/min, mmol/kg/h, mol/kg/min, mol/kg/h, kcal/kg/min, kcal/kg/h, kcal/kg/24h, mEq/kg/min, mEq/kg/h, mIU/kg/min, mIU/kg/h, IU/kg/min, IU/kg/h, kIU/kg/min, kIU/kg/h, ug/min, ug/h, mg/min, mg/h, g/min, g/h, ng/min, ng/h, mIU/min, mIU/h, IU/min, IU/h,

mol/min, mol/h, mmol/min, mmol/h,
kcal/min, kcal/h, mEq/min, mEq/h, kIU/min,
kIU/h, kU/min, kU/h, EU/min, EU/h, U/min,
U/h

Air bubbles detection	6 levels selectable: 20/50/100/250/500/800μL; accumulate air: 0.1-4ml/h, default is 1.5ml/h
Auto-lock time	1 - 5 minutes selectable; ON/OFF switchable
Drug library	up to 200 drugs; ON/OFF switchable
History log	up to 2000 records
Volume collection	available in 4 methods: 24H Total, Current Total, Period, Timing

IV administration sets

Compatibility	universal IV sets
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Alarms

Type	audible and visual alarm
3 Levels	High: occlusion / air in line / VTBI complete/ accumulated air/ no battery/ KVO finish/ door opened/system error/ drop error/ empty/ no infusion tube Medium: abnormal system/ standby time expired Low: reminder/ low battery/ no battery/ time near end/ No AC power/ communication interrupted/ KVO running/ infusion interrupted/ Para. Unconfirmed
Sound volume	1-8 levels selectable, default is level 4
Reminder	1-5 minutes selectable; ON/OFF switchable

Battery

Operating time	≥4 hours at 25ml/h (standard), ≥8 hours at 25ml/h(optional)
Charging time	≤ 6 hours to full capacity (standard) ≤ 12 hours to full capacity (optional)

Interface

RS232; nurse call connector; DC adapter

Power Supply

voltage 100-240 V~ ; frequency 50/60Hz;
current 0.4-0.14A

Work Environment

Temperature	5-40°C for operating; -20-60 °C for storage
Relative humidity	15-95% for operating; 10-95% for storage
Atmosphere pressure	57-106 kPa for operating; 50-106 kPa for storage
Level of resistance to water and dust:	IP34