

BeneFusion VP3 Vet

Infusion Pump

Data Sheet



Physical Specifications

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|------------|--|
| 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, time mode, body weight mode, sequential mode |
| Flow rate | 0.1 - 2000ml/h |
| Increment | 0.1ml(0.1-999.9ml/h); 1ml(1000-2000ml/h) |
| Preset volume(VTBI) | 0.0 - 9999ml (increment: 0.1ml) |
| Preset time | 00:00:01-99:59:59, adjustable |
| Accumulated volume | 0-9999 ml |
| KVO | 0.1-5.0ml/h adjustable, step 0.1ml/h, default is 0.5 ml/h |
| Purge | 0.1-2000ml/h |
| Bolus | rate: 0.1-2000ml/h (automatic or manual) |
| Occlusion detection | 4 levels selectable: 150/300/525/900mmHg, default is 525 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 | ng/kg/min, µg/kg/h,ug/kg/min, ug/kg/h,ug/kg/24h, mg/kg/min, mg/kg/h, mg/kg/24h, g/kg/min, g/kg/h, mU/kg/min, mU/kg/h, U/kg/min, U/kg/h, U/kg/24h, kU/kg/h, EU/kg/h, mmol/kg/h, mol/kg/h, kcal/kg/h, kcal/kg/24h, mEq/kg/min, mEq/kg/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 |

| | |
|-------------------|---|
| Drug library | switchable up to 200 drugs; ON/OFF switchable |
| History log | up to 1500 records |
| Volume collection | available in 4 methods: 24H Total, Current Total, Period, Timing |

IV administration sets

| | |
|---------------|--|
| Compatibility | diameter range from 3.5 to 4.5mm while thickness is between 0.8 and 1.2mm |
|---------------|--|

Alarms

| | |
|--------------|---|
| Type | audible and visual alarm |
| 3 Levels | High: occlusion / air in line / VTBI complete/no power/KVO finished/ door opened/system error Medium: abnormal system/ standby times expired Low: reminder/ low battery/ no battery inserted/time near end/ No AC power |
| 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@25ml/h(optional) |
| Charging time | ≤ 6 hours to full capacity |

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 |

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