

BeneFusion eVP Vet

Infusion Pump

Datasheet



Physical Specifications

Weight	≤ 1.7kg
Size	≤ 210x 140 x73mm
Screen	3.5inch touchscreen, TFTcolor LCD, 200x400pixels
Brightness	1-8 levels, adjustable
Display	Infusion status (drug name, infusion parameters, real-time in-line pressure) System status information (infusion mode, IV set brand or bed number, alarm symbol, battery status, network status, relayed status, and system time)
Indicator on the door	Infusion status indicator

Parameters Specifications

Accuracy	≤ ±4.5 % (for recommended sets)
Mode	Rate mode, Dose Mode, Dose Time Mode, Time mode, Sequential Mode, Intermittent Mode, Loading Dose Mode, Ramp Mode, Micro-infusion Mode, Drip Mode
Application supported	Enteral nutrition feeding, and blood transfusion
Flow rate	0.10ml/h - 2300ml/h (0.10-2000ml/h for blood transfusion)
Increment	0.01ml/h (0.10-99.99ml/h), 0.1ml/h (100-999.9ml/h), 1ml/h (1000-2300ml/h)
Preset volume (VTBI)	0.10 - 9999.99ml (increment: 0.01ml)
Preset time	00:00:01 - 99:59:59
Accumulated volume	0.00 - 99999.99 ml
KVO	0.1 - 5.0ml/h, increment: 0.01ml/h
Purge rate	0.1 - 2300ml/h
Bolus rate	0.1 - 2300ml/h (automatic or manual)
Occlusion detection	50-1125mmHg (15 levels selectable, respectively are 50, 150, 225, 300, 375, 450, 525, 600, 675, 750, 825, 900, 975, 1050, 1125mmHg) Default is 450 mmHg Pre-alarm: an alert will pop out when the pressure is continuously going up Auto-restart: On/Off, restart the infusion when the occlusion pressure is reduced. 4 units of pressure selectable: mmHg/kPa/bar/psi
Anti-bolus	Unexpected bolus reduced when the occlusion occurs
Dose rate units	ng/kg/min, ng/kg/h, ng/kg/24h, ug/kg/min,

	ug/kg/h, ug/kg/24h, mg/kg/min, mg/kg/h, mg/kg/24h, g/kg/min, g/kg/h, g/kg/24h, mU/kg/min, mU/kg/h, mU/kg/24h, U/kg/min, U/kg/h, U/kg/24h, kU/kg/min, kU/kg/h, kU/kg/24h, EU/kg/min, EU/kg/h, EU/kg/24h, mmol/kg/min, mmol/kg/h, mmol/kg/24h, mol/kg/min, mol/kg/h, mol/kg/24h, mcal/kg/min, mcal/kg/h, mcal/kg/24h, cal/kg/min, cal/kg/h, cal/kg/24h, kcal/kg/min, kcal/kg/h, kcal/kg/24h, mEq/kg/min, mEq/kg/h, mEq/kg/24h
Air bubbles detection	6 levels selectable: 15/50/100/250/500/800µL, accumulate air: 0.1-1.0ml/15min
Auto-lock time	1 -5 minutes selectable, ON/OFF switchable
History log	up to 3500 events
Volume collection	available in 4 methods: 24h total, current total, period, timing volume, support history rate review
Drug library	Up to 5000 drugs, 30 categories, support color-coding drug name

IV administration sets

Compatibility	universal IV sets
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Alarms

Type	Audible and visual alarm
2Levels	High: Air in Line/ Accumulated Air/ Empty/ Drop Error/ Upstream Occlusion/ Downstream Occlusion/ Infusion Set Disengaged/ No Infusion Tube/ Infusion Set Error/ No Drop Sensor/ Battery Depleted/ VTBI Complete/ KVO Finish/ Relay Invalid/ System Error Low: KVO Running/ Battery in Use/ Battery Error/CMS/eGW Disconnected/ Standby Time Expired/ Dock Connection Interrupted/ System Time Error/ Relay Invalid Soon/ Time Near End/ Reminder/Low Battery
Sound volume	1-8 levels selectable, default is level 6
Reminder	1-5 minutes selectable, ON/OFF switchable

Connectivity

Communication	Wired/wireless
USB	Support drug library import, patient data import/export, history record export, calibration data import/export
Multifunctional	RS232, nurse call connector, DC adapter connector

Integration Connect with BeneVison Central Monitoring System(CMS)

Battery

Operating time ≥ 5 hours at 25ml/h

Charging time ≤ 5 hours to full capacity

Power Supply Voltage 100-240 V~,frequency 50/60Hz,current 0.5-0.21A

Work Environment

Temperature 5-40°C for operating,-30-70 °C for storage

Relative humidity 15-95% for operating,10-95% for storage

Atmosphere pressure 57.0-107.4 kPa for operating,16.0-107.4 kPa for storage

Classification Type CF, Class I, IP33

Stackability Supported with stack rack, maximum of 3 pumps can be stacked