

BeneFusion VP3 Vet

Infusion Pump

Accurate, safe and easy to use

The Mindray BeneFusion VP3 Vet is accurate, safe, and easy to use. Motor monitoring makes real-time infusion more stable and the peristaltic motor is designed to preserve tubing integrity, avoiding compression-related inaccuracies over long infusions.

The BeneFusion VP3 Vet can not only be used for infusion of fluids or medications, but is also medically approved for blood transfusions.

FEATURES

- Real time stable infusion: Motor monitoring makes real-time infusion more stable.
- Accurate infusion over long periods of time: Peristaltic motor designed to preserve tubing integrity, avoiding compression-related inaccuracies over long infusions.
- High level of resistance to water and dust: IP34.
- Intelligent Occlusion Management System: DPS and anti-bolus, 6 adjustable air bubble detection levels, starting at 20 microliters.
- Meets EN1789 standard, supporting use in vet ambulance.
- Quick guidance, training-free operation.
- Graphic alarm with animation display, easy to identify and locate the issues.
- Universal pole clamp for cage mounting (optional).
- Brand management function (Pre-configured IV sets: Add/Modify).
- Unique volume collection function in 4 methods for angiography operation, endovascular therapy and postoperative observation.



SPECIFICATIONS



Weight:

<1.8kg (One battery included, without accessory, cable and pole clamp)



Dimensions:

<150mm L x 100mm W x 200mm H (Without pole clamp)



AC Power Supply:

Voltage: 100-240V~
Frequency: 50/60 Hz
Current: 0.40-0.14A
Fuse: Low interrupting rating, T5AL/250V

External DC Power Supply:

Voltage: DC 10V-16V
Current: 2.25A-1.5A



Display Type:

Monochrome LCD

Display Size (Diagonal):
3"

Display Differentiation:
240 x 128 pixels

Alarm Light:

1 (red/yellow bi-color)

AC/DC Indicator Light:

1 (green)

Battery Indicator Light:

1 (green)

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Specifications

Bolus Rate: 0.1-2000ml/h	Accumulate Air: 0.1-4ml
Purge Rate: 800ml/h, nonadjustable	KVO Rate: 0.1-5.0ml/h
VTBI: 0.1-9999ml	Time Near End: Off, 1-30min when the time is <10min, step for 1min, and step for 5min when the time is ≥10min.
Time: 00:00:01-99:59:59 h:m:s	Max. Rate: 0.1-2000ml/h
Volume: 0.1-9999ml	Drip Setting: 10-60 gtt/ml
History Record: Can store up to 1500 history records	Drip Abnormal: On, Off
Modes: Rate Mode, Body Weight Mode, Time Mode, Sequential Mode	Empty Sensitivity: High, Low
Pressure: 4 Levels are adjustable, respectively are: 150±125mmHg (20.0±16.7kPa), 300±125mmHg (40.0±16.7kPa), 525±125mmHg (70.0±16.7kPa), 900±180mmHg(120.0±24.0kPa). Maximum occlusion pressure is about 1080mmHg.	Auto-lock Time: Off, 1-5min, step for 1min
Air Detection: 6 Levels are adjustable, respectively are (20, 50, 100, 250, 500, 800) µl Sensitivity of single air bubble is 20µl.	Reminder Time: Off, 1-5min, step for 1min
	Pressure Units: mmHg, kPa, bar and psi
	Infusion Accuracy: Infusion accuracy error ≤±5%
	Dose of Single Fault: About 0.67ml

Internal Battery

No. of Batteries: 1 (standard) or 2 (optional)	Note: Power supply time is relevant to rate. By factory default, continuously operate at the maximum selectable rate, typically discharge for 1.5 h (1 battery) or 4 h (2 batteries) using a fully charged new battery.
Battery Type: Lithium battery	
Shutdown Delay: At least 30 mins (new battery, after the first low battery alarm)	
Battery Voltage: 7.2V	
Battery Capacity: 2600 mAh (1 battery) or 5200 mAh (2 batteries)	
Power Supply Time: By factory default, continuously operate at a rate of 25ml /h, discharge for at least 4h (1 battery) or 8h (2 batteries) using a fully charged new battery.	Charging Time: When the pump is off, the charging time is not longer than 6h (1 battery) or 12h (2 batteries).