Technical Data

Model	VP5	VP5 Air	VP5 Pro
Applicable infusion sets	1ml/15d, 1ml/19d, 1ml/20d, 1ml/60d		
Flow Rate	ml/h mode: 0.1 ~ 2000ml/h (in 0.01ml/h increments) , drop/min mode: 1 ~ (400ml/h*d/60) d/min (in 1d/min increments)		ml/h mode: 0.1 ~ 2300ml/h (in 0.01ml/h increments) , drop/min mode: 1 ~ (400ml/h*d/60) d/min (in 1d/min increments)
WIFI	N/A	YES	Optional
Pressure Level	13 Level	13 Level	16 Level
BOLUS	Bolus rate: 0.1 ~ 2300ml/h (in 0.01ml/h increments) , VTBI(Volume to be infused): 0.1 ~ 100ml (in 0.01ml increments)		
FF (Fast forward)	FF rate: 0.1 ~ 2300ml/h (in 0.01ml/h increments) , VTBI(Volume to be infused): 0.1 ~ 9999.99ml (in 0.01ml increments)		
VTBI	0.1 ~ 9999.99ml (in 0.01ml increments)		
Cumulative infusion volume	0.1 ~ 9999.99ml (in 0.01ml increments)		
Rate (ml/h) accuracy	Rate ≥ 1ml/h: ≤±3% (after calibration); Rate < 1ml/h: ≤±5% (after calibration)		
Occlusion Pressure	16 occlusion pressure levels (10、20、30、40、50、60、70、80、90、100、110、120、130、140、150、200) kPa		
Alarms Information	Near infusion end, infusion finished, standby task finished, upstream occlusion, downstream occlusion, KVO completed, door opening, air-in-line, forgotten operation, low battery, battery empty, abnormal running state, equipment failure, power failure, replace tube, drop sensor is pulled out, Infusion set mismatch, abnormal heating(optional), Impending occlusion (optional), empty bottle, battery disconnected , signal interruption etc.		
Dimensions & Weight	147mm（L）×195mm（W）×235mm（H）/1.8kg		

Long battery life
Use a large-capacity lithium battery with a battery life of more than 10 hours.

IP44 protection level
offer an more effectively waterproof and dust- proof. suitable for harsh environment.

Worry-free transfer
SP5/VP5 meets EN1789 ambulance standards.

Hopefusion Series Infusion Pump

VP5、VP5 Air、VP5 Pro

BYOND 比扬

Pioneer in Life Science

Hopefusion Infusion Pump

- Integrated power management
- Dual Bubbles Detecting Sensors
- IP44 High-level dust-proof and waterproof
- Breakthrough infusion accuracy in long time infusion.

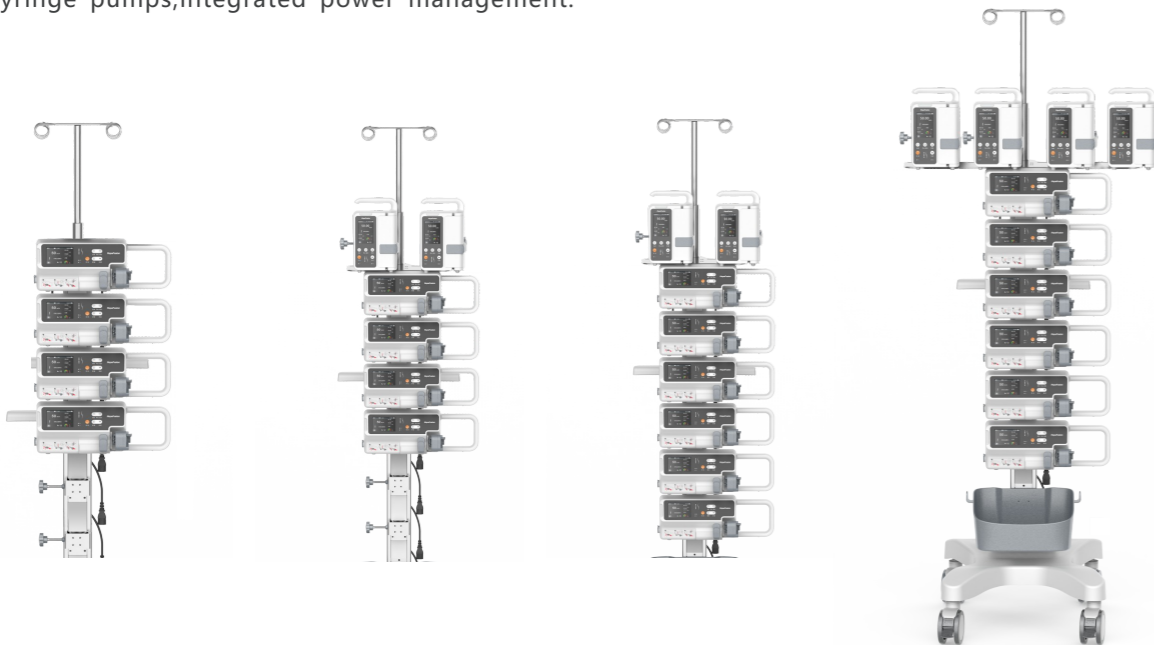## ✎ Integrated power management

➤ Intelligent network Centralized monitoring

- Support WIFI and wired networking to the infusion central station software. Can connect to the hospital HIS\CIS system to realize the functions of automatic infusion data collection and centralized monitoring.

- Patient data management function, patient data can be entered, making nursing work simpler and more efficient.

- The new "Favorites Drugs" function,let users select drugs quickly.

➤ Power integration Space management

- Convenient combination of SP5 Syringe pump or VP5 Infusion pump,only using 1 power cord for centralized power supply. Fully save the medical space beside the bedside.

- Maximum 10 channels infusion and syringe configurations with a maximum of 4 Infusion pumps and 6 Syringe pumps,integrated power management.

✎ Simple and Convenient

- New Launch, Exquisite appearance, Easily portable

- 3.5' Large colorful touch-screen+keyboard, dual control methods.

- 10 infusion modes are available (including TIVA), can meet the requirements from different departments and drug infusions. .

- High infusion precision Infusion Volume > 1ml/h, Accuracy ≤ ±3% Infusion Volume < 1ml/h,Accuracy ≤ ±5%(After calibration).

- Dual Bubbles Detecting Sensors10 levels bubble sizes detecting adjustable, prevent missing detection.

- Better algorithm make infusion accuracy more stable,especially in long time infusion.

🛡 Accurate and Safe

Intuitive and readable pressure status,clear display real-time pressure.

Warning reminder when the occlusion pressure rises.

- Dynamical pressure monitoring with 16 occlusion levels, keep patient safe in real time.

- Pipeline lighting function,operate conveniently under weak light.

- Optional pipeline heating function; Pipeline damage detection,make the clinical infusion safer.

- Optional nurse call function to avoid potential safety hazards caused by accidents