

BeneFusion 5 Series

Infusion Pump System

SAFE Infusion

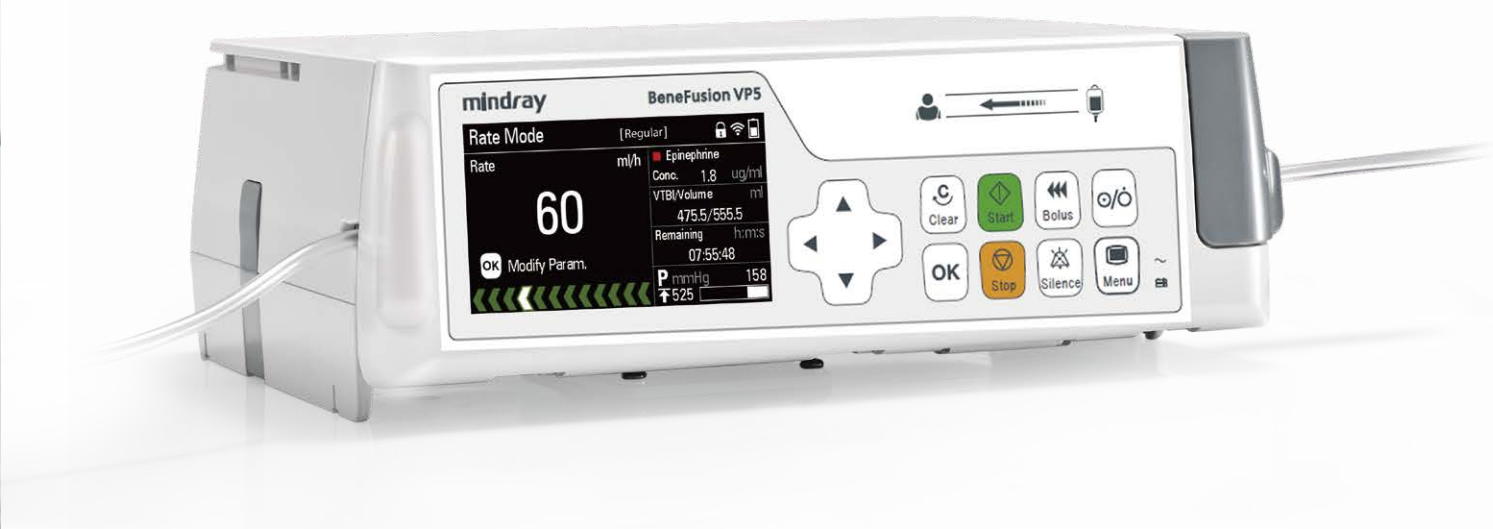




BeneFusion 5 series are the powerful partners for intravenous infusion that are designed with the concept of SAFE infusion.

The SAFE concept stands for Smart system, Accurate infusion, Friendly design, and Easy connection.

The concept comes with a set of state-of-the-art technology to provide considerate solutions for different clinical scenarios, as well as ensuring patients' safety.





Smart System

Fast Start

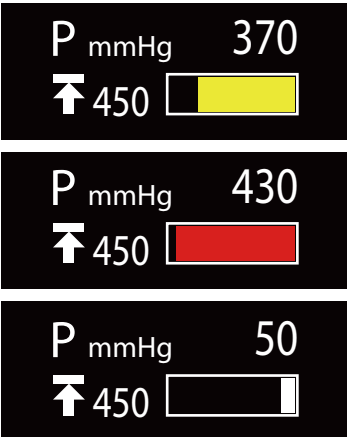
The first drop can be delivered in just 2 to 3 seconds, leading to a timely infusion therapy.



Intelligent Occlusion Management

Dynamic Pressure System (DPS)

- A wide range of occlusion detection to increase safety levels
- Graphical and numerical pressure indicators to predict occlusion alarm in advance.

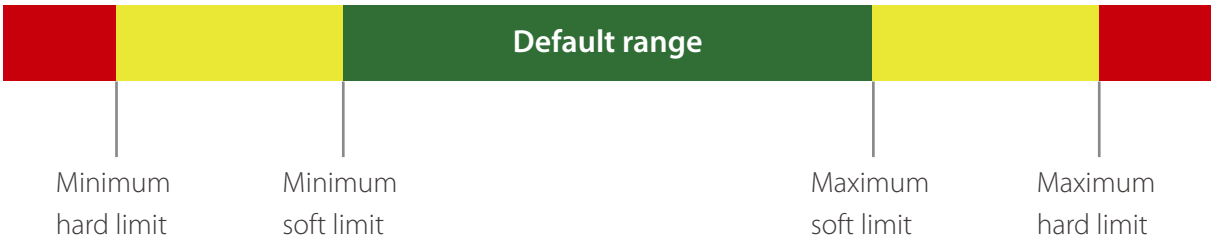


Anti-bolus

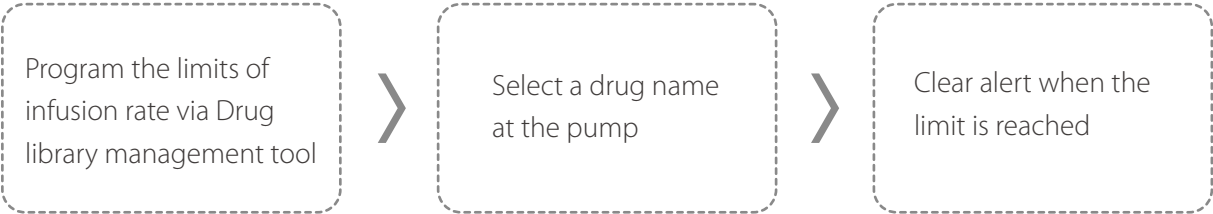
Unexpected bolus reduced when the occlusion occurs, releasing the high pressure to protect patients.

Dose Error Reduction System (DERS)

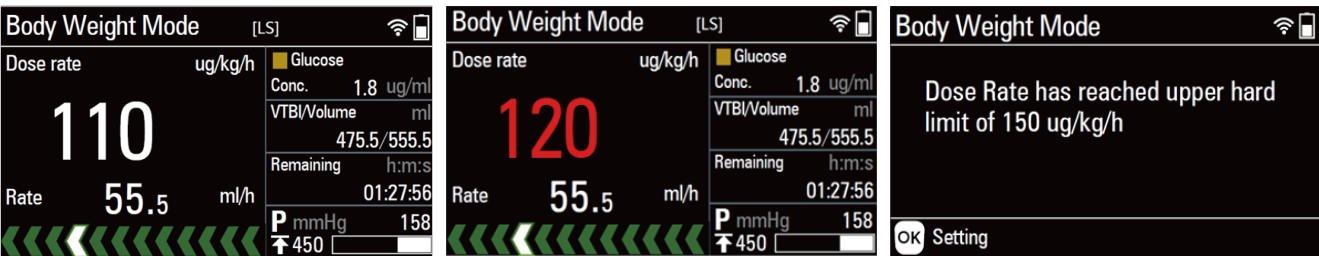
The DERS drug library assists in protecting patients by triggering the alarms when the actual dose reaches defined limits, ensuring patient safety.



The Simplified Workflow



Smart Pump Interfaces



Colour-coded drug names

Coloured dose rate displayed when the soft limit is reached

Considerate reminders displayed when the hard limit is reached



Accurate Infusion

Consistent and precise performance

- Real-time high stability of infusions guaranteed by the overall mechanical accuracy
- High accuracy over long hours guaranteed by the compensatory algorithm to deformed IV sets

Both of them are achieved throughout the entire infusion process, avoiding unexpected harmfulness to patients.

High accuracy detection sensors

Assist in identifying risks caused by occlusion and air bubbles, ensuring a safe infusion.

Pressure detector Minimum

75mmHg

Air sensor Minimum

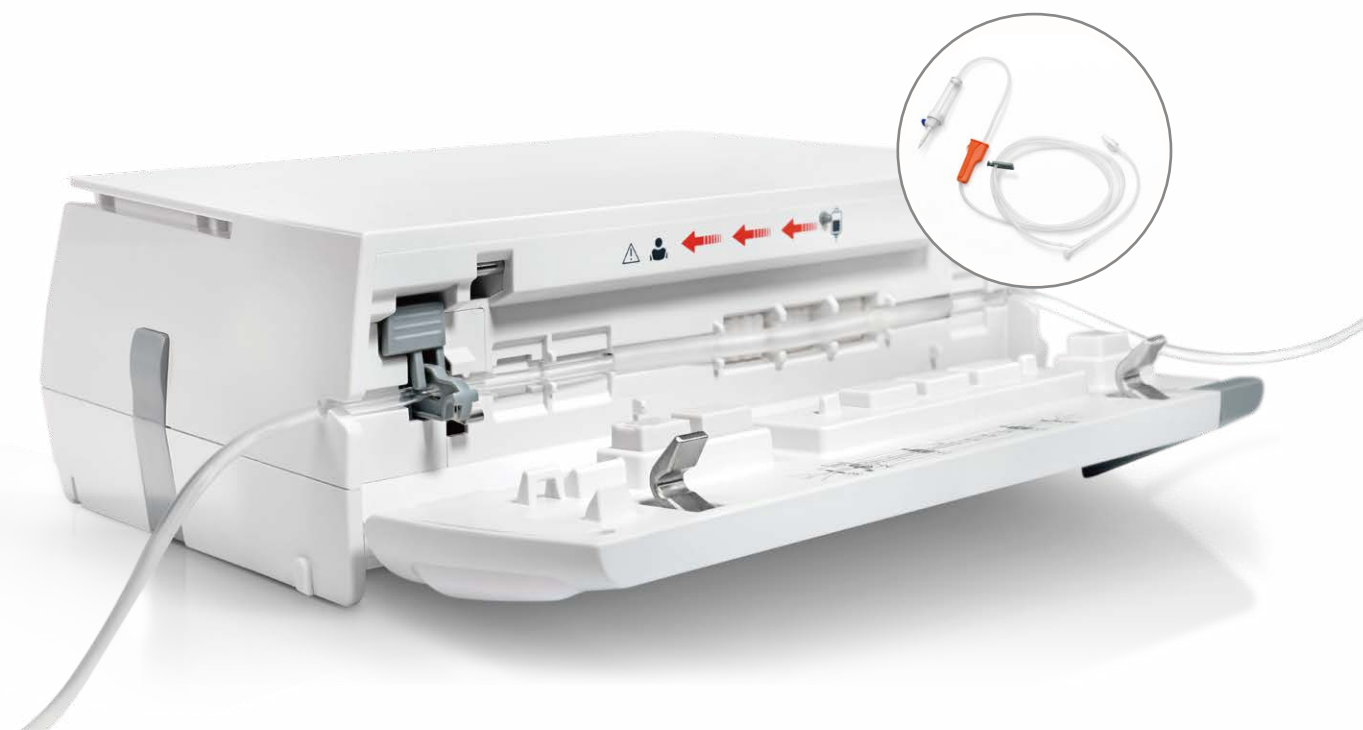
20μL

A broad range of syringe compatibility

Compatible with syringes that range from 2ml to 60ml, contributing to great accuracy in general.

Dedicated IV administration set

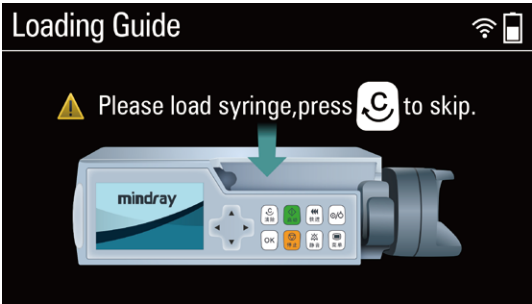
- Latex-free and DEHP-free dedicated lines
- Various types for satisfying different clinical needs
- Extraordinary infusion accuracy guaranteed



Friendly Design

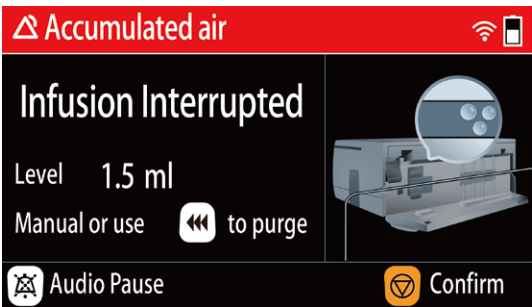
Quick Guide

On-screen instructions provides useful information to help avoid any improper operation.



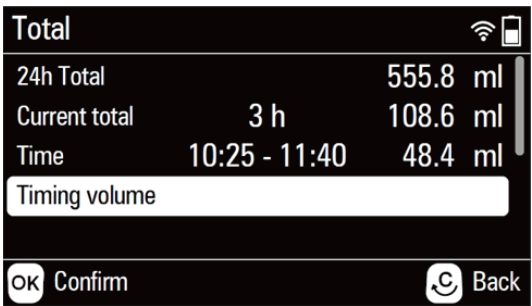
Graphical Alarm Display

Easy to identify any specific issue, helping to eliminate problems in time.



Volume Collection

Versatile enough to better collect the volume of infusions for different clinical scenarios, alleviating nursing workloads.



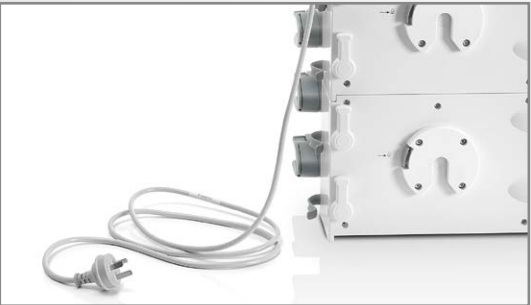
The Portable Handle

VP5/SP5 can be equipped with a portable handle (BeneFusion PH5) for convenient transfer.



DS5 Docking Station

DS5 optimizes bedside infusion management with one-power-cord design, integrated monitoring, flexible combination, as well as multi-channel function.



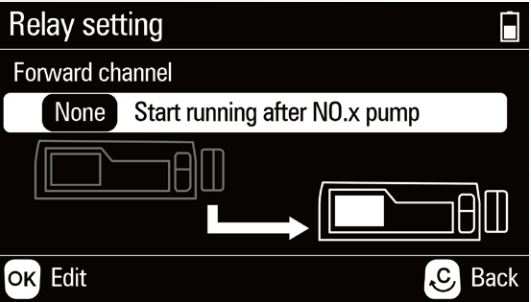
One power cord
Leads to a worry-free bedside management



Flexible combination
2 to 24 slots available for combining VP5 and SP5 in any order

1	Li Qin		
3	2 min	Dobutamine	
1	injecting	Glucose	
2	injecting	Amino Acid	
4	injecting	Dopamine	
5	injecting	Midazolam	
Total volume		53.93	ml

Integrated monitoring
Presents key information of multiple pumps



Automatic multi-channel relay
Smooth drug-giving enable continuous infusions

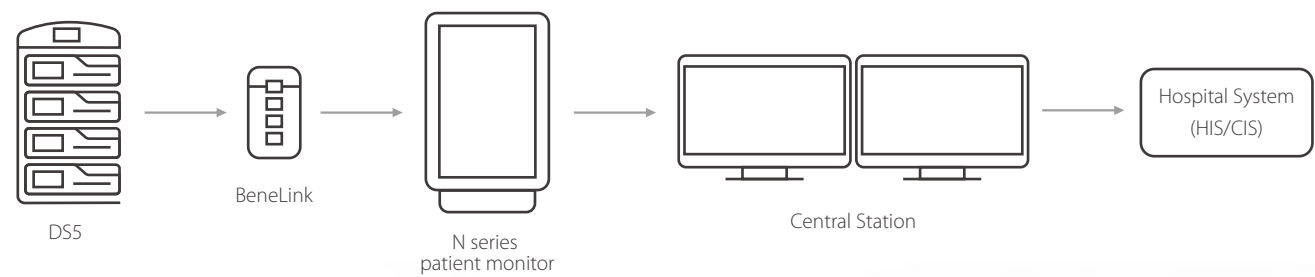


DS5 Basic
A simplified version of DS5 that provides a cost-effective solution without integrated monitoring

Easy Connection

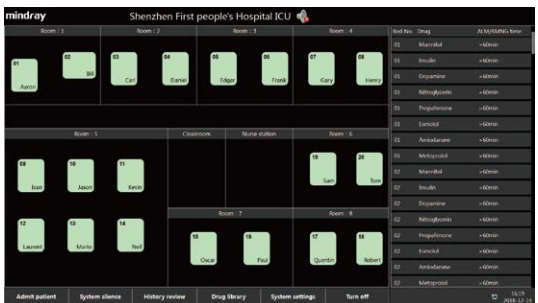
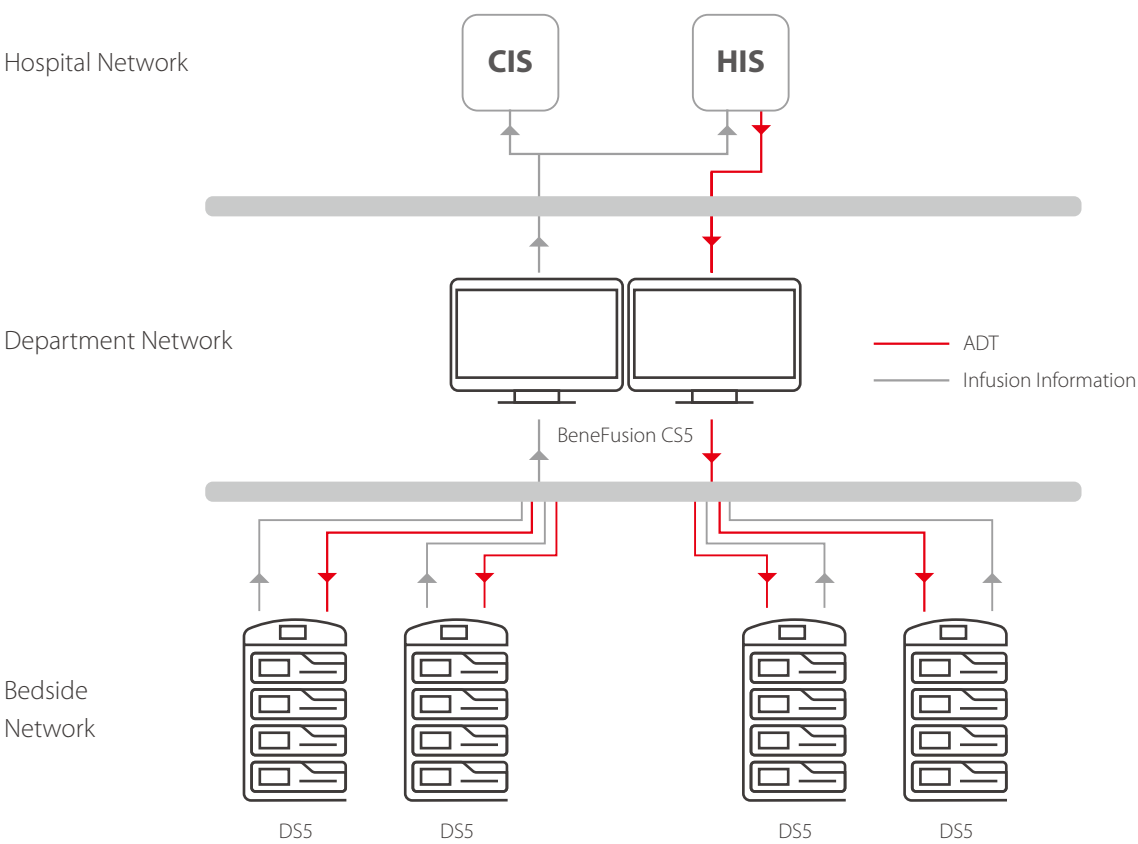
Integration and Synergy

- Vital information from infusions, including drug name, rate and accumulated volume can be synchronized and shown on BeneVision N series patient monitor.
- Drug-related physiological parameters, such as HR, BP, RESP, BIS and so on, to provide a comprehensive picture for medical staff to diagnose and prescribe the patient.



Centralized Management

- Great capability to supervise up to 64 DS5 or 512 BeneFusion pumps simultaneously.
- Digital network with centralized management of infusion data, which greatly increases work efficiency and alleviates workloads.
- HL7 protocol allows BeneFusion pumps to be integrated into the hospital network, such as CIS, HIS and so on, which assists the hospital to implement a paperless environment.



Interface of multiple beds



Interface of single bed