

BeneFusion nSP/nVP/nDS

Infusion System

Smart touch, Safe medication





Touch the flexibility

Extraordinary touch experience





BeneFusion n Series features a full-size color touch screen that comes with an intuitive UI to provide an extraordinary interactive experience as never before.

- 7-inch HD capacitive touchscreen makes the interaction as smooth as using smart devices in your daily life.
- The intuitive UI facilitates an easy operation by presenting critical parameters with an elegant layout.



All in one

BeneFusion nSP and nVP are versatile enough to integrate all functions to satisfy a variety of clinical purposes.

-  **7" full-size touchscreen**
bringing a brand new user experience
-  **See-through window design**
easy to clean and observe syringe status
-  **Intuitive UI design**
80% operation can be done on the main interface.
-  **Premium material**
supports up to 49 disinfectants



Flexible docking solution

BeneFusion nDS is flexible enough to provide a comprehensive solution for a variety of infusion scenarios.

- Tool-free modular design enables easier expansion of slots from 2 to 24 pumps
- BeneFusion tDS transfer docking station enables simple and efficient patient transfers



One-handed plug and play

Smooth and easy slot-in loading of pumps into the docking station.



Automatic multi-channel relay

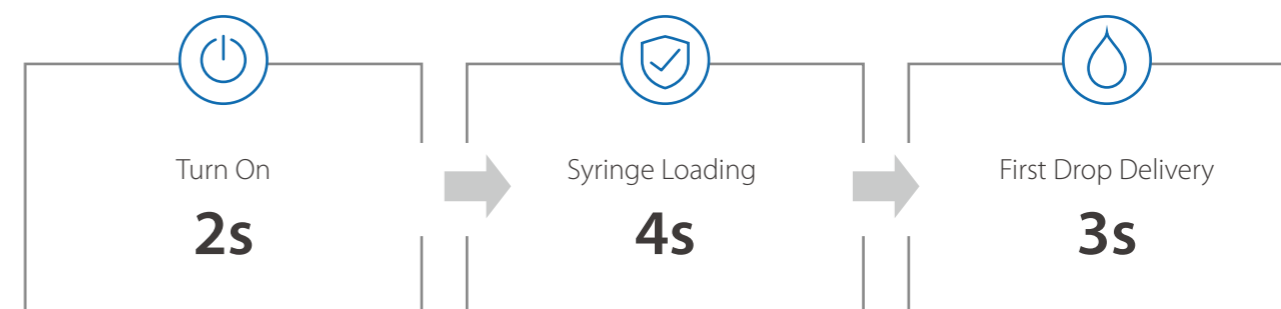
Circular and customized relay together guarantee a stable drug-administering process.

Dedicated to safety

Innovative technologies ensures safe medication

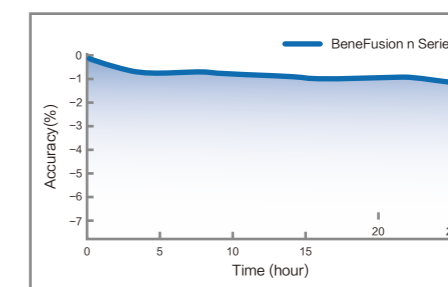
SmartRapid™

SmartRapid™ ensures timely infusion by significantly shortening the start-up time, from turning on the pump to delivering the first drop of medication.



Precise and consistent performance

- Rivalled accuracy: nSP $\leq \pm 1.8\%$; nVP $\leq \pm 5\%$
- Flow rate initiates as precise as 0.01ml/h
- Compatible syringes as small as 1ml



SmartAIR™

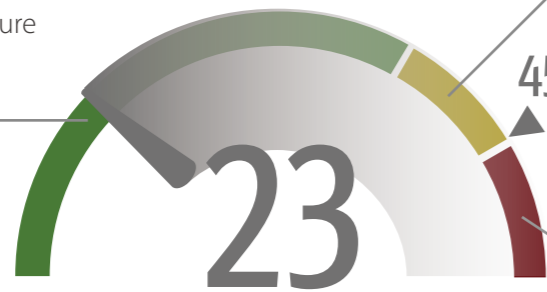
With SmartAIR™, BeneFusion eVP significantly enhances the safety level of IV administration.

- Dual ultrasound sensor to detect the air bubbles more precisely, avoiding missing or false air-in-line alarm.
- 15ul air bubble detection size on BeneFusion eVP, ensuring patient safety throughout the infusion, even for neonates.



Dynamic Pressure System (DPS)

Speedometer style indicator with numerical pressure to monitor the in-line pressure trend just with a glance.



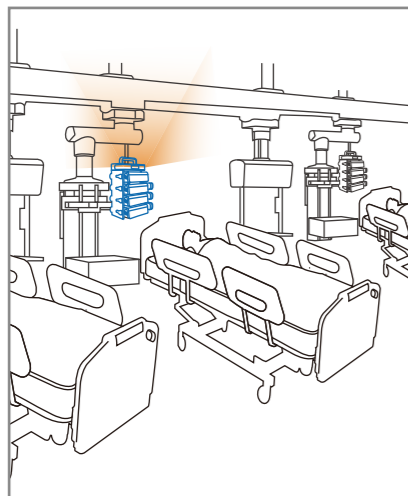
Alert with a visual message about the possible occlusion before interrupting the infusion.

450 Auto-attempting mechanism enables infusion resume as early as possible to ensure continuous infusion.

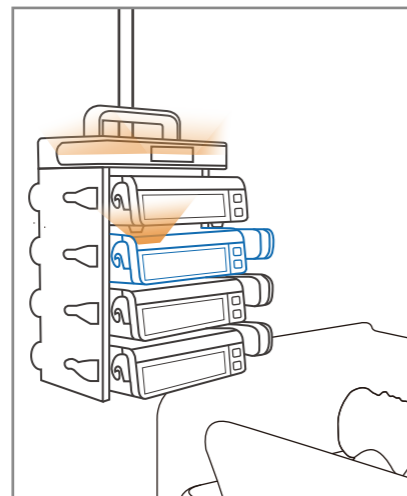


Guided Alarm Management

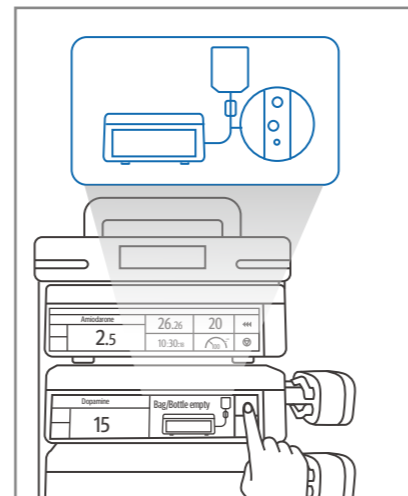
The highly visible alarm management enables users to fast locate and solve the problem.



Fast location of the bedside alarm with 270° visible alarm light on the BeneFusion nDS from a distance.



Fast location of the pump with an audible and visual alarm on BeneFusion nSP/nVP at bedside.



Fast location of the problem with an instructional animation displayed on the pump to aid problem resolution.

Managing drugs safely throughout the infusion

Color-coding system

- The color coding of drug name assists users to easily select and verify the correct drug.
- SafeDose™ Info software enables programming infusion parameters automatically to enhance efficiency.



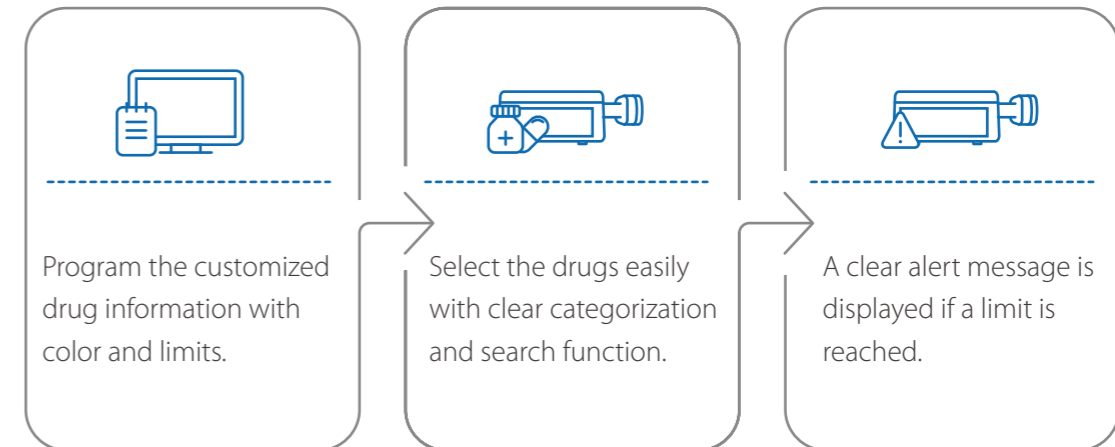
InfusionView™

- Vital sign trend and alarm statistics align with the infusion information to provide a comprehensive understanding of a patient's condition.
- Guides users with the appropriate dose of drug when adjusting the infusion treatment.
- Assists users to optimize with more precise prescription by reviewing previous treatment up to 24h.



SafeDose™ DERS

The SafeDose™ DERS helps to reduce drug errors by preventing users from exceeding pre-set hard limits, and by requiring confirmation to override soft limits.



Easy maintenance

- Manufacturing consistency establishes the foundation for easy maintenance
- Drug library easy update via network or WIFI



Connected synergy

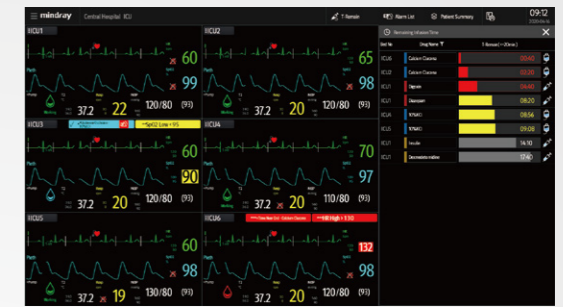
Centralized data management

- Able to monitor up to 72 nDS simultaneously
- Able to obtain infusion and alarm information anywhere at anytime
- Access to HIS/CIS/EMR through HL7 protocol



Integrated central monitoring

BeneVision™ CMS offers one-stop monitoring of all patients' vital sign and infusion treatment details, providing comprehensive information for clinical staff to improve the quality of patient care.



Closed-loop medication management

Assists clinical staff to reduce medication errors with barcode scanner by aligning prescription automatically, enhancing the work-flow efficiency.

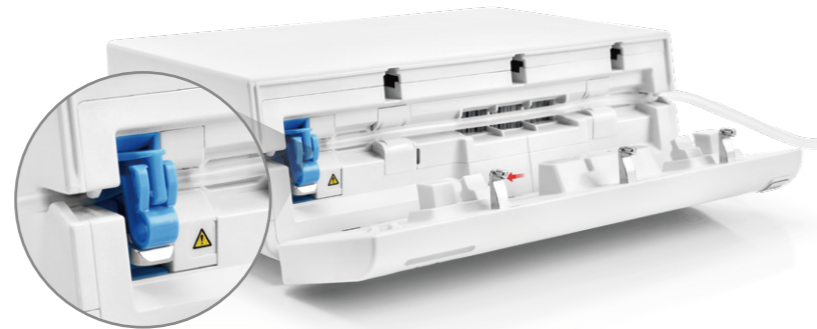


InfusoSafe™ Set P dedicated administration sets

For BeneFusion nVP dedicated infusion pump

Designed with safety in mind

The InfusoSafe™ Set P dedicated administration sets portfolio has configurations to suit the majority of IV infusion needs. Options include standard PVC sets, light protected sets for light sensitive medication, blood transfusion sets and enteral nutrition sets.



InfusoSafe™ Clamp: Provides pump-activated free flow protection, and the colour coding on the pump clamp slot makes set loading more intuitive.


InfusoSafe™ NF needle free ports: With clear housing and silicone design, straight fluid path.


Filter: 15µm, 1.2µm (non-blood), and 200µm (blood) filter optional, to satisfy different clinical application, including blood transfusion.


Enteral nutrition set: The connector is in compliance with ISO 80369.3 standard, and the adapter is in compliance with ISO18250.3 standard.


All sets are PVC material, non-pyrogenic, DEHP-free, Latex-free, and supplied with protective end caps.





Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	IV Standard	BPQ	X-IS-000D	/	235	300
Vented, Upstream drip chamber, 15µm filter, Roller clamp, Anti-free Flow Clamp, Luer lock, 235cm length, Priming volume 22ml.						


Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	IV Standard	BPQ-Y	X-IS-001D	Injection Y Port	250	300
Vented, Upstream drip chamber, 15µm filter, Roller clamp, Anti-free Flow Clamp, Injection Y Port (latex-free), Luer lock, 250cm length, Priming volume 23ml.						


Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	IV Standard	BPQ-N	X-IS-002D	Needle-free Y Port	250	300
Vented, Upstream drip chamber, 15µm filter, Roller clamp, Anti-free Flow Clamp, Needle-free Y Port, Luer lock, 250cm length, Priming volume 23ml.						


Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	IV Standard	BPQ-Y	X-IS-003D	2 x Injection Y Port	250	300
Vented, Upstream drip chamber, 15µm filter, Pinch Clamp, Roller clamp, Anti-free Flow Clamp, 2 x Injection Y Port (latex-free), Luer lock, 250cm length, Priming volume 24ml.						


Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	IV Standard	BPQ-N	X-IS-004D	Needle-free Y Port	240	300
Vented, Inline drip chamber, 15µm filter, Pinch Clamp, Roller clamp, Anti-free Flow Clamp, Needle-free Y Port, Luer lock, 240cm length, Priming volume 22ml.						

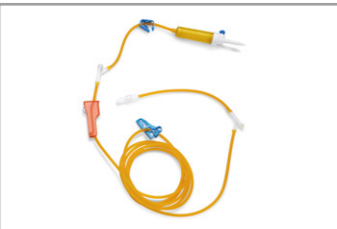
Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	150mL Burette	150mL	X-BS-005D	/	250	90
Vented, Pinch Clamp, Burette, Inline drip chamber, 15µm filter, Roller clamp, Anti-free Flow Clamp, Luer lock, 250cm length, Priming volume 23ml.						

Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	Burette	150mL	X-BS-003D	2 x Injection Y Port	250	90
Vented, Pinch Clamp, Burette, Inline drip chamber, 15µm filter, Roller clamp, Anti-free Flow Clamp, 2 x Injection Y Port (latex-free), Luer lock, 250cm length, Priming volume 23ml.						


Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	Light Resistant	JMB-15	X-LS-000D	/	235	300
Vented, Upstream drip chamber, 15µm filter, Roller clamp, Anti-free Flow Clamp, Luer lock, 235cm length, Priming volume 22ml, Light Resistant.						


Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	Light Resistant	JMB-15	X-LS-001D	Injection Y Port	250	300
Vented, Upstream drip chamber, 15µm filter, Roller clamp, Anti-free Flow Clamp, Injection Y Port (latex-free), Luer lock, 250cm length, Priming volume 23ml, Light Resistant.						


Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	Light Resistant	JMB-15	X-LS-002D	Needle-free Y Port	250	300
Vented, Upstream drip chamber, 15µm filter, Roller clamp, Anti-free Flow Clamp, Needle-free Y Port, Luer lock, 250cm length, Priming volume 23ml, Light Resistant.						


Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	Light Resistant	JMB-15	X-LS-003D	Injection Y Port	250	300
Vented, Upstream drip chamber, 15µm filter, Pinch Clamp, Roller clamp, Anti-free Flow Clamp, Injection Y Port (latex-free), Luer lock, 250cm length, Priming volume 24ml, Light Resistant.						

Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	Light Resistant	JMB-15	X-LS-004D	4 x Needle-free Y Port	240	300
Vented, Pinch Clamp, 4 x Needle-free Y Port, Inline drip chamber, 15µm filter, Roller clamp, Anti-free Flow Clamp, Luer lock, 240cm length, Priming volume 22ml, Light Resistant.						


Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	Blood Transfusion	AS3	X-TS-000D	/	235	300
Non-vented, Upstream drip chamber, 200µm filter, Roller clamp, Anti-free Flow Clamp, Luer lock, 235cm length, Priming volume 25ml.						


Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	Secondary set	BPQ	X-ES-000	/	95	300
Vented, Upstream drip chamber, 15µm filter, Roller clamp, Luer lock, 95cm length, Priming volume 12ml.						

Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	IV Standard	BPQ-N	X-IS-103D	2 x Needle-free Y Port 1.2µm anti-bacterial and air eliminating filter	250	300
Vented, Upstream drip chamber, 15µm filter, Roller clamp, Anti-free Flow Clamp, 1.2µm anti-bacterial and air eliminating filter, 2 x Needle-free Y Port, Luer lock, 250cm length, Priming volume 26ml.						

Picture	Type	Model	REF. No.	Additional features	Length (cm)	Qty/box
	Enteral Nutrition	EIS-22-A	X-EN-002D	Enteral Y Port	235	300
Non-vented Enteral Cross Connector, Inline drip chamber, Pinch Clamp, Roller clamp, Anti-free Flow Clamp, Enteral Y Port, Enteral Patient Connector, 235cm length, Priming volume 23ml.						

Picture	Type	REF. No.	Additional features	Length (cm)	Qty/box
	Extension set	X-ES-002	/	200	200
Extension set, microbore, with pinch clamp, 1X3.2mm PVC DEHP free tubing.					

Picture	Type	REF. No.	Additional features	Length (cm)	Qty/box
	Extension set	X-ES-007	PVC free fluid path	200	200
Extension set, microbore, with pinch clamp, 1X3.2mm Thermoplastic polyurethane lined PVC tubing.					

Picture	Type	REF. No.	Additional features	Length (cm)	Qty/box
	Extension set	X-ES-008	PVC free fluid path Light protected	200	200
Extension set, microbore, with pinch clamp, light protected, 1X3.2mm Thermoplastic polyurethane lined PVC tubing.					

