

Technical Data

Infusion Rate	ml/h mode: 1 ~ 1200ml/h d/min mode: 1 ~ 266 d/min
Unit Conversion	d/min and ml/h unit can be converted.
FF Rate	100 ~ 1200ml/h(100ml/step)
KVO Rate	1 ~ 5.0ml/h
VTBI (volume to be Injected)	1 ~ 9999ml
Cumulative Infusion Volume	0 ~ 9999.9ml
Infusion Accuracy	d/min mode: $\leq \pm 3\%$ (after calibration) ml/h mode: $\leq \pm 5\%$ (after calibration)
Air Bubble size	$\leq 25\mu\text{l}$
Anti- Bolus	Automatically release tubing pressure when there is occlusion.
Alarms Information	Near infusion finished, infusion finished, door open, air bubble, forgotten operation, battery low, battery empty, abnormal running state, equipment failure, power fault, replace infusion set, drop sensor is pulled out, etc.
Power Source	Three options for power supply First: 100~240VAC, 50/60Hz; Second: Inserted Li battery 11.1V, capacity $\geq 1800\text{mAh}$; 4 hours backup time at the rate of 25ml/h for a fully charged battery. Third: External DC 12V power supply
Drug Library	Up to 1000 drugs are provided.
Dimensions	140mm (L) × 128mm (W) × 228mm (H)



BYS-820

Infusion Pump

BYS-820 | BYS-820S | BYS-820D



Scan to know more



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EYOND 比扬

Pioneer in Life Science

BYS-820 Serial Infusion Pump



BYS-820S

Rate and volume are editable;
d/min and ml/h are selectable.



BYS-820

Voice alarm system;
Time setting;
Rate and volume are editable;
d/min and ml/h are selectable.



BYS-820D

Voice alarm system;
Up to 2000pcs history records;
Drug library.

$\leq \pm 3\%$

d/min accuracy ml/h accuracy

$\leq 5\%$

1-1200ml/h
1-266d/min

Rate

IPX2

IP level

≥ 1000

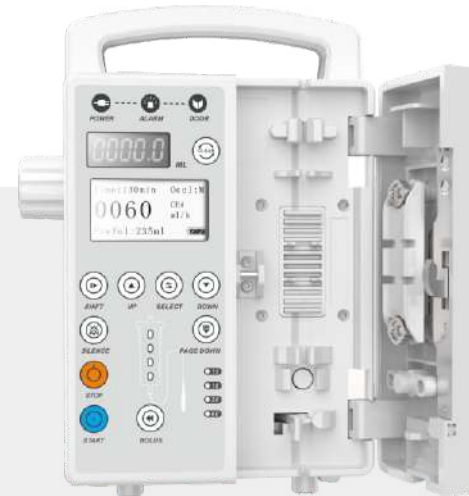
Drug library

✍ Safer Operation Excellent Performance

> Design as portable



- One-key operation to fulfill conversion between d/min and ml/h;



- System self-test is completed as turning on, which ensures safe work;
- Display with double screen to make remote observation possible;

- Lower noise and less vibration are supported by application of motor driver IC imported from German and motor imported from Japan.

👉 Features



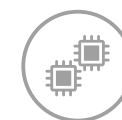
Drop sensor(Optional)

Remotely control infusion processes to realize safer and precise infusion.



Pressure Monitoring

3 Levels of occlusion pressure are available(high/medium/low).



Dual CPU

Safety are guaranteed by dual CPU design.



Voice Alarm System

Exclusive technology to fulfill combination of human voice, legible words and lights.



History Record Cassette

Up to 2000pcs records, including operation, alarm and modification; Trackable treatments are ensured.



Certification

Certified by TÜV Rheinland and EN ISO13485 : 2016

d/min mode

Set rate of d/min to conduct infusion(1-266d/min)

ml/h mode

Set rate at ml/h to conduct infusion(1-1200ml/h)

Vol/T mode

Automatically calculate rate by setting time and volume (1-9999ml)

