

| <div> <div></div> <div>Technical Data</div> </div> |                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Infusion Rate                                      | ml/h mode: 1~1200ml/h<br>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 ml/h                                                                                                                                                                                                                                                                   |
| VTBI (volume to be Injected)                       | 1 ~ 9999 ml                                                                                                                                                                                                                                                                  |
| Cumulative Infusion Volume                         | 0 ~ 9999.9 ml                                                                                                                                                                                                                                                                |
| Infusion Accuracy                                  | d/min mode: ≤±3%(after calibration)<br>ml/h mode: ≤±5%(after calibration)                                                                                                                                                                                                    |
| Air Bubble Detector                                | ≥25μL                                                                                                                                                                                                                                                                        |
| Alarms Information                                 | infusion finished, tube is blocked, there are bubbles, close the door, abnormal operation, equipment failure, system power failure, IV set mismatched, bottle empty, battery running out, low battery, the drop sensor is pulled out, replace the line, forget to operation. |
| Power Source                                       | Three options for power supply<br>First: 100~240VAC, 50/60Hz;<br>Second: Inserted Li battery11.1V, capacity≥1800mAh; 4 hours backup time at the rate of 25ml/h for a fully charged battery.<br>Third: External DC 12V power supply                                           |
| Drug Library                                       | Supports storage for more than 1,000 drugs                                                                                                                                                                                                                                   |
| Dimensions                                         | 153mm(L)x162mm(W)x227mm(H)                                                                                                                                                                                                                                                   |



# BYS-820

Infusion Pump  
BYS-820 | BYS-820D

# BYS-820 Serial Infusion Pump

≤ ±3%

d/min Accuracy

≤5%

ml/h Accuracy

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.



- High-performance driver chips coupled with precision quiet motors deliver an ultra-low-noise, low-vibration infusion experience.



BYS-820

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



BYS-820D

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



## Features



### Drop Sensor(Optional)

Real-time 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

It could store 2000 historical injection records, making it convenient for medical staff to query the patient's treatment records.



### 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 of ml/h to conduct infusion(1-1200ml/h)

