

BYS-820

Series Infusion Pump

BYOND 比扬

Pioneer in Life Science

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

$\leq \pm 5\%$

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

Rate

IPX2

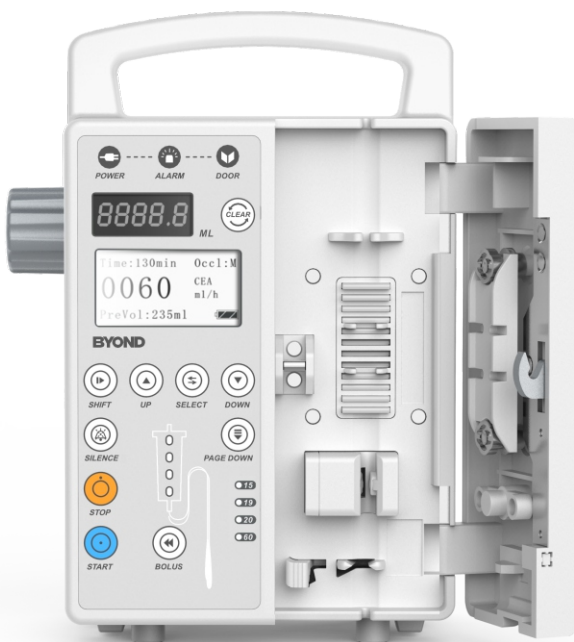
Waterproof

≥ 1000

Drug library



Safe Operation Excellent Performance



Portable Design

- 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 LCD and LED 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.



Feature



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 infusion start time,finish time,infusion rate and infused volume.



Certification

Certified by GMP, CE and ISO13485.



Technical Specification

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

$\leq 25\mu\text{l}$

Alarms Information

Infusion finish, Tube is blocked, There are bubbles, Close the door, Low battery, Battery running out, Sensor pulled out, Abnormal operation.

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

153mm (L) × 162mm (W) × 227mm (H)



BYOND 比扬医疗

Service call: +86-731-82564299

Email: sale@csbeyond.com

Add: Beyond Zone, Lijiacun Rd, Xueshi Street, Yuelu District, 410208 Changsha, China