



BYZ-810

Syringe Pump

BYZ-810 | BYZ-810S | BYZ-810D

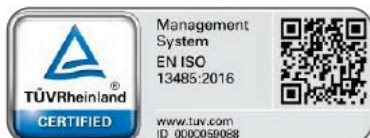
BYOND 比扬

Pioneer in Life Science



Technical Data

Applicable Syringe Size	10ml, 20ml, 30ml, 50/60ml	
Rate	10ml:0.1~300ml, 30ml:0.1~900ml,	20ml:0.1~600ml, 50/60ml:0.1~1500ml
Bolus Rate & Volume	10ml:0.1~240ml/h 20ml:0.1~480ml/h 30ml:0.1~720ml/h 50/60ml:0.1~1200ml/h	0.1~5ml 0.1~10ml 0.1~10ml 0.1~10ml
KVO Rate	0.1 ~ 5.0ml/h	
VTBI (Volume to be Injected)	0.1~9999.9 ml	
Cumulative Volume	0.1~9999.9 ml	
Injection Accuracy	Within $\pm 3\%$ (after calibration)	
Anti-Bolus	Automatically release tubing pressure when there is occlusion.	
Alarms Information	Injection finished, soon finish, injection is blocked, syringe falls off, syringe installation error, forgotten operation, low battery, battery runs out, abnormal running state, equipment failure, system power down etc.	
Power Source	Three options for power supply: First: 100~240VAC, 50/60Hz; Second: Inserted Li-battery 11.1V, capacity \geq 1800mAh, 4 hours backup time at the rate of 5ml/h for a fully charged battery; Third: External DC 12V power supply	
Connector	DC12V RS232	
Drug Library	Up to 1000 drugs are provided.	
Dimensions	280mm (L) \times 200mm (W) \times 112mm (H)	



BYOND 比扬医疗
Service call : 400-066-7111
Add: Beyond Zone, Lijiacun Rd, Xueshi Street,
Yuelu District, 410208 Changsha, China

BYZ-810 Serial Syringe Pump



BYZ-810

Simple Mode;
Vol/T Mode;
Vol/W Mode;
Human Voice Alarm System.



BYZ-810S

Simple Mode



BYZ-810D

Add History Record;
Drug Library,
Time Setting Based on BYZ-810.



Easier Operation

> Design as Portable



- Brand-new appearance to provide better visual sensibility;
- Intuitively and clearly display various information through LCD and LED screen;

- Design as One-key Rotary Knob and innovative interactive user interface;
- Multi-pumps combination is allowed to save more space.
- One-key to start Simple mode injection, which enables easier operation;

> Triple-Assemblage



Safer Design

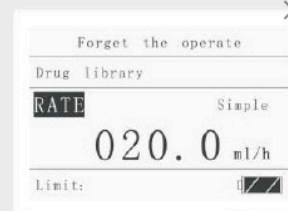
> Dual-CPU



- Lower noise and less vibration are supported by application of motor driver IC imported from German and motor imported from Japan.
- Compatible with any syringes brand after correct calibration;
- Comprehensive drug library is able to satisfy various clinical needs.

> UI Design

- Intelligently identify syringe size: 10ml, 20ml, 30ml, 50ml (60ml);
- Alarm combination of human voice, legible words and visual lights;



$\leq \pm 3\%$

Precision

$\frac{0.1\text{ml/h}}{1500\text{ml/h}}$

Rate

IPX2

IP Level

≥ 1000

Drug library



Features



Auto-lock Screen

Automatic Lock Screen is able to prevent operation errors.



Pressure Monitoring

3 pressure levels are editable to ensure great injection accuracy.



Dual CPU

Guarantee for safer work.



System Self-test

Safe guardian for every single use; System self-test is conducted every time turning on, including alarm indicator, volume, pressure, air bubbles, etc.



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