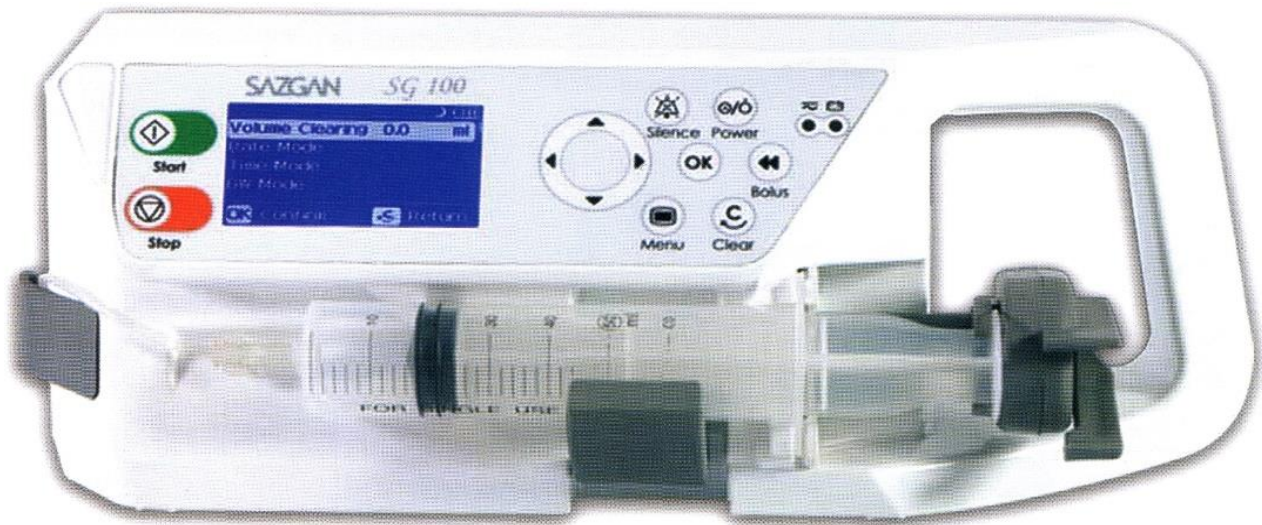


# SAZGAN

## Syringe pump SG 100



• عمق ساخت ۱۰۰٪ ایرانی

- کاربری آسان
- دارای آلارم صوتی و تصویری
- قابلیت Night mode
- قابلیت اتصال به Nurse call
- سیستم محافظتی آنتی بلوس
- قابلیت KVO
- قابلیت تغییر سرعت در حین تزریق
- قابلیت اتصال به برق آمبولانس
- IP24
- دارای باتری

تهران، میرداماد، خیابان آقازاده فرد، خیابان پانزدهم، پلاک ۴۰

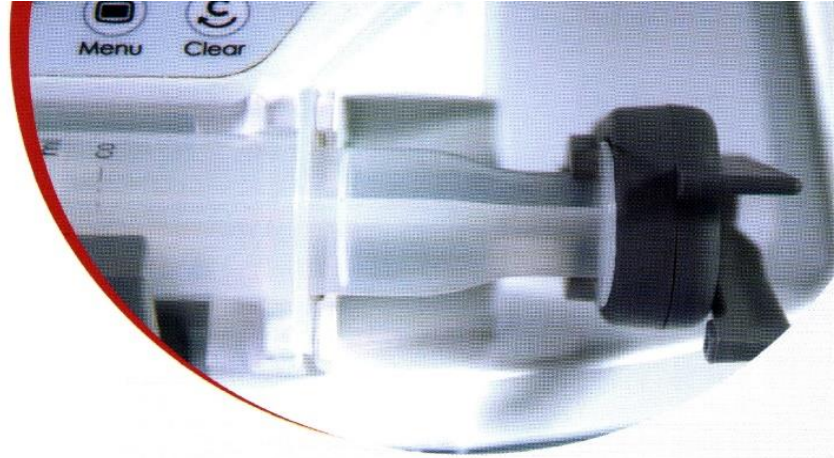
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# SAZGAN

## SG 100 Syringe pump Specification



### Specification

Compatible syringe sizes (ml)	5 ml, 10 ml, 20 ml, 30 ml, 50 ml /60 ml
Rate range	<ul style="list-style-type: none"> <li>• 5ml syringe: 0.1-150ml/h</li> <li>• 10 ml syringe: 0.1-300ml/h</li> <li>• 20 ml syringe: 0.1-600ml/h</li> <li>• 30 ml syringe: 0.1-900ml/h</li> <li>• 50 ml/60ml syringe: 0.1-1500ml/h</li> </ul>
Increment of rate	0.1ml
Bolus rate range	<ul style="list-style-type: none"> <li>• 5 ml syringe: 0.1-150ml/h</li> <li>• 10 ml syringe: 0.1-300ml/h</li> <li>• 20 ml syringe: 0.1-600ml/h</li> <li>• 30 ml syringe: 0.1-900ml/h</li> <li>• 50 ml/60ml syringe: 0.1-1500ml/h</li> </ul>
Purge rate	<ul style="list-style-type: none"> <li>• 5 ml syringe: 150ml/h</li> <li>• 10 ml syringe: 300ml/h</li> <li>• 20 ml syringe: 600ml/h</li> <li>• 30 ml/50ml/60ml syringe :800ml/h</li> </ul>
VTBI range	VTBI range 0.1-9999 ml, the increment is 0.1 ml
Volume range	0.1-9999 ml, the increment is 0.1 ml
Time display range	00:00:01-99:59:59 h:m:s
Standby time range	00:01-99:59 hh:mm
Mode selection	Rate Mode, Time Mode, BW Mode
KVO rate	0.1 - 5.0 ml/h, the increment is 0.1ml/h
Drug library	Selectable
Occl. pressure	1-3, respectively are 300±75 mmHg (40±10kPa), 600±90 mmHg (80±12kPa), 900±135 mmHg (120±18kPa) Maximum occlusion pressure is about 1300mmHg.
Unit of pressure	mmHg, kPa, bar and psi
Auto-lock time	Off, 1 - 5 min, step for 1min
Reminder time	Off, 1 - 5 min, step for 1min
Time near end	Off, 1- 30 min when the time is <10min, step for 1min and step for 5 min when the time is ≥ 10 min.
Volume	1-8
Brightness	1-8
Infusion accuracy	2%
Alarm Information	Occlusion, Battery Empty, VTBI Done, KVO Finish, Syringe Empty, Syringe Disengaged, System Error, Battery failed, Reminder, Battery Low, Syringe Nearly Empty, VTBI Near Done, Standby Time Expired, No AC Power, Syringe not inserted and Data communication

System Date and Time Adjustable

History Record Can store up to 2000 history records

### Display

Type Monochrome LCD-3 inch-240\*128

### Battery

Internal battery Rechargeable Li-Ion, 7.4 V, 2200 mAh  
Battery life: 6 hours at 5 ml/hr when fully charged shutdown delay at least 30 mins (after the Battery Low alarm)

### Operating Environment

Operation Condition

Ambient Temperature: 0-40°C  
Relative Humidity: 15-95% (with no condensation)

Storage Condition

Ambient Temperature: -40-70°C. Relative Humidity: 10-95% (with no condensation)

### Physical Specification

Dimension 336(L) x 105(W) x 132(H)

Weight 1.72 Kg

### AC Power Supply

Voltage & Frequency 100-240 V, 50/60Hz

### Safety Specification

Classification Class I, Type CF, IP24

Operation mode Continuous

Standard IEC 60601-1, IEC 60601-2-24

### OPTIONS

Anti-Bolus function

Night mode

Nurse call

Dynamic Pressure Scanning(DPS)

Change the Rate during operation

Extra battery