

Syringe Pump



Kapsam Syringe Pump is a high-sensitive volumetric pump which implements its infusion function through a microprocessor. It accurately controls the stepping motor to produce the forces through a mechanical transmission device to push the syringe piston.



Innovative Design, Better Sensibility

UI Design

- Brand-new appearance, small and lightweight, design as portable
- 3.5 colorful touchscreen to display various information on one page
- Easier operations are provided by simple UI design

High-Quality PBT Enclosure

- High-Quality PBT enclosure, which makes medical disinfection and cleaning convenient
- Multi - and Across - combination of syringe pump and infusion pump is enabled by slide guide and lock catch design, which is safe and practical

Intelligent Safety, More Care

Fast Start

- 8 injection modes are able to satisfy various clinical needs
- Applicable to 2ml, 5ml, 10ml, 20ml, 30ml, 50ml /60ml syringes
- Rate are adjustable during running state
- 10 levels for forgotten operation time are selectable
- 30 levels for near finished alarm time are optional to make supervision reliable
- Intuitively demonstrate operation instructions by the application of Smart Alarm System



Semi - 1



Anim - 5



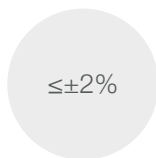
Erch - 3

Dynamic Alarm Instructions



■ Compatible with either recommended syringes by default with great accuracy or other syringes by correct calibration. $\leq \pm 2\%$ accuracy is achieved.

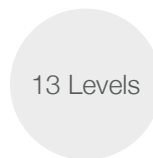
- DC 15V Power connector
- Multi-function connector



Precision



Rate



High IP Level



DPS

Features

Auto-Lock Screen

■ Up to 11 levels time setting; Prevention for operation errors.

Dual CPU

■ Guarantee for safe work.

Human Voice Alarm

■ Exclusive technology; Combination of human voice, readable words and visual light alarm; 8 volume levels are available.

History Record Cassette

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

Certification

■ Certified by TÜV Rheinland and EN ISO13485:2016

Night Mode

■ Design for nighttime safe operation.

System Self-Test

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

WLAN Function

■ Capable of communicating with information management system; Remotely monitor patient's condition in real time some models.

Technical Data



Applicable Syringe Size

2 ml, 5ml, 10ml, 20ml, 30ml, 50/60ml

Rate

2ml:0.01~60ml, 5ml:0.01~150ml
 10ml:0.01~300ml, 20ml:0.01~600ml
 30ml:0.01~900ml, 50/60ml:0.01~2200ml

Bolus Rate & Volume

2ml:0.01~48ml/h	0.1~0.5ml
5ml:0.01~120ml/h	0.1~1ml
10ml:0.01~240ml/h	0.1~5ml
20ml:0.01~480ml/h	0.1~10ml
30ml:0.01~720ml/h	0.1~10ml
50/60ml:0.01~1500ml/h	0.1~10ml

FF Rate

2ml:0.01~60ml,	5ml:0.01~150ml
10ml:0.01~300ml,	20ml:0.01~600ml
30ml:0.01~900ml,	50/60ml:0.01~2200ml

KVO Rate & VTBI

Rate:
0.01~5.0ml/h

Volume:
 2ml:0~0.2ml, 5ml:0.01~0.2ml
 10ml:0~0.2ml, 20ml:0~0.5ml
 30ml:0~0.5ml, 50/60ml:0~1ml

Rate Accuracy

Within $\pm 2\%$ (after calibration)

Occlusion Pressure Levels

13 Levels are available

Alarms Information

Infusion finish, near infusion end, VTBI finished, system stand-by completed, infusion is blocked, syringe falls off, syringe improperly installed, forgotten operation, low battery, battery empty, abnormal running state, equipment failure, power failure etc.

Prompts

Parameter overrun, injection begins, AC power has been pulled out, speed overrun.

Power Source

Three options for power supply:
 First: 100~240VAC, 50/60Hz;
 Second: Inserted Li-battery 11.1V, capacity ≤ 2600 mAh, 8 hours backup time at the rate of 5ml/h for a fully charged battery;
 Third: External DC 15V power supply.

Drug Library

Up to 1000 drugs are provided

Dimensions

300mm (L) x 180mm (W) x 90mm (H)



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