

Infusion Pump





Kapsam Infusion 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 spur the peristaltic sheets.

Innovative Design, Better Sensibility

UI Design

- Brand-new appearance, small and lightweight, portable design
- 3.5 colorful touchscreen to display various information on one page

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 are enabled by slide guide and lock catch design, which is safe and practical

Intelligent Safety, More Care

Fast Start

- 9 infusion modes are able to satisfy various clinical needs
- 10 levels for forgotten operation time are selectable to suit diverse clinical situations
- Dynamical pressure monitoring with 13 occlusion levels to protect patient's safety every single second
- Rate are adjustable during running state
- Tube fatigue recoup function is designed to recoup insufficient flow volume during long time use



Erch - 6

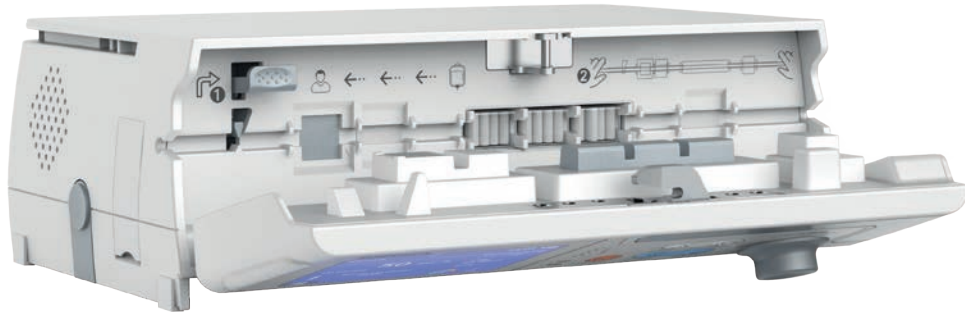


Anim - 8



Semi - 2

Dynamic Alarm Instructions



■ Intuitively demonstrate operation instructions by the application of Smart Alarm System

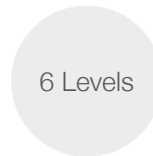
■ Maintenance cycle is settable to prevent users from forgetting regular calibration



Precision



Rate



Bubbles Size



High IP Level

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 Infusion Set

1 ml/15d, 1 ml/19d, 1 ml/20d, 1 ml/60d,

Infusion Rate

ml/h mode: 0.1 ~ 2000ml/h
drop/min mode: 1 ~ (400ml/h*d/60) d/min

Unit Conversion

Conversion between drop/min and ml/h.

Bolus Rate & VTBI (Volume to be infused)

Bolus rate: 0.1 ~ 1500ml/h
VTBI: 0.1 ~ 50ml

FF Rate & VTBI

FF rate: 0.1 ~ 2000ml/h
VTBI: 0.1 ~ 9999.99ml

KVO Rate & VTBI

KVO rate: 0.1 ~ 5.0ml/h
VTBI: 0.1~1ml

VTBI

0.1 ~ 9999.99ml

Cumulative Infusion Volume

0.01 ~ 9999.99ml

Rate Accuracy

Rate ≥ 1 ml/h: $\leq \pm 3\%$
Rate < 1 ml/h: $\leq \pm 5\%$

Occlusion Pressure

13 occlusion pressure levels

Air Bubble Size

6 levels (25 μ l, 50 μ l, 100 μ l, 250 μ l, 500 μ l, 800 μ l)

Drug Library

Up to 1000 drugs are provided.

Dimensions

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

Prompts

Parameter overrun, infusion start, AC power has been pulled out, speed overrun, installation error, maintenance cycle

Alarms Information

Near infusion end, infusion finished, standby task finished, upstream occlusion, downstream occlusion, door open, air-in-line, forgotten operation, battery low, battery empty, abnormal running state, equipment failure, power failure, unmatched infusion set, replace infusion set, drop sensor is pulled out, empty bottle etc.

Power Source

Three options for power supply
First: 100~240VAC, 50/60Hz;
Second: Inserted Li battery 11.1 V, capacity ≤ 2600 mAh; After the battery is fully charged, it can be used for infusion pump to work continuously for more than 7h at a rate of 25ml/h and for more than 5h at a rate of 2000ml/h.
Third: External DC 15V power supply



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