



KellyMed + **Jev&Kev**

PRODUCT CATALOG

SINCE 1994

Beijing KellyMed Co., Ltd.

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SINCE 1994

KLJY-TF-MF-XD-002
 Revision 3.3



Beijing KellyMed Co., Ltd.

About KellyMed

Founded in 1994, Beijing KellyMed Co., Ltd. is a high technology corporation engaged in R&D, manufacturing and marketing of medical instrument, supported by Institute of Mechanics, Chinese Academy of Sciences.

Manufacturing Facility, R&D Center, QC Division, Domestic Sales Division, International Sales Division and Customer Support Center were established under KellyMed.

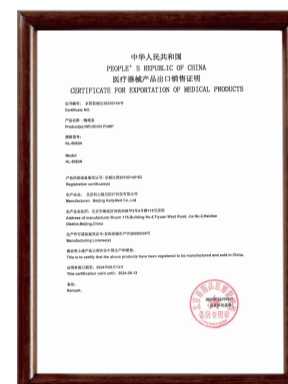
Engineers are majored in Physics, infrared Radiation, Electronics, Ultrasound, Automatization, Computer, Sensor and Mechanics.

60 patents were granted by State Intellectual Property Office of China. KellyMed is ISO9001/ISO13485 Certified. Most of the products are CE marked.

The company today produces world-class equipments, which are sold not only in China, but also exported to more than 60 countries across Europe, South America, Asia and Africa.

KellyMed, as the No. 1 in this field for last 30 years:

1. In 1994, KellyMed developed the first Chinese-made Infusion Pump.
2. In 1994, as the first manufacturer of Infusion Pump in China, KellyMed was listed in the "National Promotion Programme of Technology Achievements".
3. In 1998, KellyMed was listed in the "Hi-Tech Enterprise".
4. In 2001, KellyMed was listed in the "Promotion Programme of MOH".
5. In 2012, KellyMed was authorized as the unique OEM supplier of Terumo for Infusion Pump and Syringe Pump in China.
6. In 2018, KellyMed was the first manufacturer who provide one-stop solution for enteral nutrition (Feeding Pump, Feeding Set, Nasogastric Tube).
7. In 2020, KellyMed launched Docking Station, Intermittent Pneumatic Compression (DVT Pump).
8. In 2023, KellyMed launched Blood Transfusion & Infusion Warmer, Infusion Controller.



Infusion Pump KL-8071A

1. Drug library
2. Fluid warmer
3. Vehicle power



Model	KL-8071A
Pumping Mechanism	Curvilinear peristaltic
IV Set	Compatible with IV sets of any standard
Flow Rate	0.1-1200 ml/h (in 0.1 ml/h increments)
Purge, Bolus	100-1200 ml/h (in 1 ml/h increments) Purge when pump stops, bolus when pump starts
Accuracy	±3%
VTBI	1-20000 ml
Infusion Mode	ml/h, drop/min, time-based
KVO Rate	0.1-5 ml/h (in 0.1 ml/h increments)
Alarms	Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, standby
Additional Features	Real-time infused volume, automatic power switching, mute key, purge, bolus, system memory, key locker, drug library, fluid warmer, change flow rate without stopping the pump.
Drug Library	Available
*Fluid Warmer	Optional (20-35 °C, in 1 °C increments)
Occlusion Sensitivity	High, medium, low
Air-in-line Detection	Ultrasonic detector
Wireless Management	Optional
History log	30 days
Power Supply, AC	100-240 V 50/60 Hz
Vehicle Power (Ambulance)	12 V
Battery	12 V, rechargeable, 8 hours at 25 ml/h
Working Temperature	10-30 °C
Relative Humidity	30-75%
Atmospheric Pressure	860-1060 hPa
Size	150(L)*125(W)*60(H) mm
Weight	1.7 kg
Safety Classification	Class II, type CF



Infusion Pump ZNB-XD

- 1. Simplicity
- 2. Easy to use
- 3. Inbuilt thermostat



Model	ZNB-XD
Pumping Mechanism	Curvilinear peristaltic
IV Set	Compatible with IV sets of any standard
Flow Rate	1-1100 ml/h (in 1 ml/h increments)
Purge, Bolus	Purge when pump stops, bolus when pump starts, rate at 700 ml/h
Accuracy	±3%
*Inbuilt Thermostat	30-45 °C , adjustable
VTBI	1-9999 ml
Infusion Mode	ml/h, drop/min
KVO Rate	4 ml/h
Alarms	Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, standby
Additional Features	Real-time infused volume, automatic power switching, Mute key, purge, bolus, system memory
Occlusion Sensitivity	5 levels
Air-in-line Detection	Ultrasonic detector
Wireless Management	Optional
Power Supply, AC	110/230 V (optional), 50-60 Hz, 20 VA
Battery	9.6±1.6 V, rechargeable
Battery Life	5 hours at 30 ml/h
Working Temperature	10-40 °C
Relative Humidity	30-75%
Atmospheric Pressure	700-1060 hpa
Size	174*126*215 mm
Weight	2.5 kg
Safety Classification	Class I , type CF

Infusion Pump KL-8052N

- 1. Neonatal & adult
- 2. Visible on-screen 9 alarms
- 3. Inbuilt thermostat



Model	KL-8052N
Pumping Mechanism	Curvilinear peristaltic
IV Set	Compatible with IV sets of any standard
Flow Rate	0.1-1500 ml/h (in 0.1 ml/h increments)
Purge, Bolus	100-1500 ml/h (in 1 ml/h increments) Purge when pump stops, bolus when pump starts
Bolus volume	1-20 ml (in 1 ml increments)
Accuracy	±3%
*Inbuilt Thermostat	30-45 °C , adjustable
VTBI	1-9999 ml
Infusion Mode	ml/h, drop/min, time-based
KVO Rate	0.1-5 ml/h (in 0.1 ml/h increments)
Alarms	Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, standby
Additional Features	Real-time infused volume / bolus rate / bolus volume / KVO rate, automatic power switching, mute key, purge, bolus, system memory, key locker, change flow rate without stopping the pump
Occlusion Sensitivity	High, medium, low
Air-in-line Detection	Ultrasonic detector
Wireless management	Optional
Power Supply, AC	110/230 V (optional), 50-60 Hz, 20 VA
Battery	9.6±1.6 V, rechargeable
Battery Life	5 hours at 30 ml/h
Working Temperature	10-40 °C
Relative Humidity	30-75%
Atmospheric Pressure	700-1060 hpa
Size	174*126*215 mm
Weight	2.5 kg
Safety Classification	Class I , type CF

Infusion Pump ZNB-XK

- 1. Numeric keyboard
- 2. Drop sensor
- 3. Nurse call
- 4. Inbuilt thermostat



Model	ZNB-XK
Pumping Mechanism	Curvilinear peristaltic
IV Set	Compatible with IV sets of any standard
Flow Rate	1-1300 ml/h (in 0.1 ml/h increments)
Purge, Bolus	Purge when pump stops, bolus when pump starts, rate at 1100 ml/h
Accuracy	±3%
*Inbuilt Thermostat	30-45 °C, adjustable
VTBI	1-9999 ml
Infusion Mode	ml/h, drop/min, time-based
KVO Rate	1-5 ml/h (in 0.1 ml/h increments)
Alarms	Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, standby
Additional Features	Real-time infused volume, automatic power switching, mute key, purge, bolus, system memory, key locker, nurse call
Occlusion Sensitivity	5 levels
Air-in-line Detection	Ultrasonic detector
Drop Sensor	Optional
Power Supply, AC	110/230 V (optional), 50-60 Hz, 20 VA
Battery	9.6±1.6 V, rechargeable
Battery Life	6 hours at 30 ml/h
Working Temperature	10-40 °C
Relative Humidity	30-75%
Atmospheric Pressure	700-1060 hpa
Size	233*146*269 mm
Weight	3 kg
Safety Classification	Class I, type CF

Infusion Pump ZNB-XAII

- 1. Drug library
- 2. Body weight mode
- 3. Inbuilt thermostat



Model	ZNB-XAII
Pumping Mechanism	Curvilinear peristaltic
IV Set	Compatible with IV sets of any standard
Flow Rate	0.1-1500 ml/h (in 0.1 ml/h increments)
Purge, Bolus	100-1500 ml/h (in 0.1 m/h increments) Purge when pump stops, bolus when pump starts,
Accuracy	±3%
*Inbuilt Thermostat	30-45 °C, adjustable
VTBI	1-20000 ml (in 0.1 ml increments)
Infusion Mode	ml/h, drop/min, time-based, body weight, nutrition
KVO Rate	0.1-5 ml/h (in 0.1 ml/h increments)
Alarms	Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, standby
Additional Features	Real-time infused volume, automatic power switching, mute key, purge, bolus, system memory, history log, key locker, drug library, rotary knob, change flow rate without stopping the pump
Drug Library	Available
Occlusion Sensitivity	High, medium, low
History Log	50000 events
Air-in-line Detection	Ultrasonic detector
Wireless management	Optional
Drop Sensor	Optional
Vehicle Power (Ambulance)	12±1.2 V
Power Supply, AC	110/230 V (optional), 50-60 Hz, 20 VA
Battery	9.6±1.6 V, rechargeable
Battery Life	5 hours at 25 ml/h
Working Temperature	10-30 °C
Relative Humidity	30-75%
Atmospheric Pressure	860-1060 hpa
Size	130*145*228 mm
Weight	2.5 kg
Safety Classification	Class I, type CF



Syringe Pump KL-602

- 1. Automatic syringe size detection
- 2. Automatic anti-bolus
- 3. Automatic calibration



Model	KL-602
Syringe Size	10, 20, 30, 50/60 ml
Applicable Syringe	Compatible with syringe of any standard
VTBI	0.1-9999 ml <1000 ml in 0.1 ml increments ≥1000 ml in 1 ml increments
Flow Rate	Syringe 10 ml: 0.1-400 ml/h Syringe 20 ml: 0.1-600 ml/h Syringe 30 ml: 0.1-900 ml/h Syringe 50/60 ml: 0.1-1300 ml/h <100 ml/h in 0.1 ml/h increments ≥100 ml/h in 1 ml/h increments
Bolus Rate	Syringe 10 ml: 400 ml/h Syringe 20 ml: 600 ml/h Syringe 30 ml: 900 ml/h Syringe 50/60 ml: 1300 ml/h
Anti-Bolus	Automatic
Accuracy	±2% (mechanical accuracy ≤1%)
Infusion Mode	Flow rate: ml/min, ml/h Time-based Body weight: mg/kg/min, mg/kg/h, ug/kg/min, ug/kg/h etc.
KVO Rate	0.1-1 ml/h (in 0.1 ml/h increments)
Alarms	Occlusion, near empty, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, standby, pressure sensor error, syringe installation error, syringe drop off
Additional Features	Real-time infused volume, automatic power switching, automatic syringe identification, mute key, purge, bolus, anti-bolus, system memory, key locker
Drug Library	Available
Occlusion Sensitivity	High, medium, low
Docking Station	Stackable up to 4-in-1 or 6-in-1 Docking Station
Wireless Management	Optional
Power Supply, AC	110/230 V (optional), 50/60 Hz, 20 VA
Battery	9.6±1.6 V, rechargeable
Battery Life	7 hours at 5 ml/h
Working Temperature	5-40 C
Relative Humidity	20-90%
Atmospheric Pressure	860-1060 hpa
Size	314*167*140 mm
Weight	2.5 kg
Safety Classification	Class II , type CF



Syringe Pump KL-605T

- 1. Applicable syringe: 5,10, 20,30,50/60 ml
- 2. 0.01 ml/h increments for flow rate, bolus rate, KVO rate



Model	KL-605T
Syringe Size	5, 10, 20, 30, 50/60 ml
Applicable Syringe	Compatible with syringe of any standard
VTBI	1-1000 ml (in 0.1, 1, 10 ml increments)
Flow Rate	Syringe 5 ml: 0.1-100 ml/h (in 0.01, 0.1, 1, 10 ml/h increments) Syringe 10 ml: 0.1-300 ml/h Syringe 20 ml: 0.1-600 ml/h Syringe 30 ml: 0.1-800 ml/h Syringe 50/60 ml: 0.1-1200 ml/h
Bolus Rate	5 ml: 0.1-100 ml/h (in 0.01, 0.1, 1, 10 ml/h increments) 10 ml: 0.1-300 ml/h 20 ml: 0.1-600 ml/h 30 ml: 0.1-800 ml/h 50/60 ml: 0.1-1200 ml/h
Anti-Bolus	Automatic
Accuracy	±2% (mechanical accuracy≤1%)
Infusion Mode	Flow rate: ml/min, ml/h Time-based Body weight: mg/kg/min, mg/kg/h, ug/kg/min, ug/kg/h etc.
KVO Rate	0.1-1 ml/h (in 0.01 ml/h increments)
Alarms	Occlusion, near empty, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, standby, pressure sensor error, syringe installation error, syringe drop off
Additional Features	Real-time infused volume, automatic power switching, automatic syringe identification, mute key, purge, bolus, anti-bolus, system memory, history log
Drug Library	Available
Occlusion Sensitivity	High, medium, low
Docking Station	Stackable up to 4-in-1 or 6-in-1 Docking Station
History Log	50000 events
Wireless Management	Optional
Power Supply, AC	110-230 V, 50/60 Hz, 20 VA
Battery	14.8 V, rechargeable
Battery Life	8 hours at 5 ml/h
Working Temperature	5-40 C
Relative Humidity	20-90%
Atmospheric Pressure	700-1060 hpa
Size	245*120*115 mm
Weight	2.5 kg
Safety Classification	Class II , type BF



Work mode

- 1. Constant infusion
- 2. Intermittent infusion
- 3. TCI



Model	KL-605T
Syringe Size	5, 10, 20, 30, 50/60 ml
Applicable Syringe	Compatible with syringe of any standard
VTBI	1-1000 ml (in 0.1, 1, 10 ml increments)
Flow Rate	Syringe 5 ml: 0.1-100 ml/h (in 0.01, 0.1, 1, 10 ml/h increments) Syringe 10 ml: 0.1-300 ml/h Syringe 20 ml: 0.1-600 ml/h Syringe 30 ml: 0.1-800 ml/h Syringe 50/60 ml: 0.1-1200 ml/h
Bolus Rate	5 ml: 0.1-100 ml/h (in 0.01, 0.1, 1, 10 ml/h increments) 10 ml: 0.1-300 ml/h 20 ml: 0.1-600 ml/h 30 ml: 0.1-800 ml/h 50/60 ml: 0.1-1200 ml/h
Anti-Bolus	Automatic
Accuracy	±2% (mechanical accuracy≤1%)
Infusion Mode	1. Easy mode 2. Flow rate 3. Time-based 4. Body weight 5. Plasma TCI 6. Effect TCI
KVO Rate	0.1-1 ml/h (in 0.01 ml/h increments)
Alarms	Occlusion, near empty, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, standby, pressure sensor error, syringe installation error, syringe drop off
Additional Features	Real-time infused volume, automatic power switching, automatic syringe identification, mute key, purge, bolus, anti-bolus, system memory, history log
Drug Library	Available
Occlusion Sensitivity	High, medium, low
History Log	50000 events
Power Supply, AC	110-230 V, 50/60 Hz, 20 VA
Battery	14.8 V, rechargeable
Battery Life	8 hours at 5 ml/h
Working Temperature	5-40 ℃
Relative Humidity	20-90%
Atmospheric Pressure	700-1060 hpa
Size	245*120*115 mm
Weight	2.5 kg
Safety Classification	Class II , type BF

- 1. Automatic syringe size detection
- 2. Automatic anti-bolus
- 3. Automatic calibration



Model	KL-702
Syringe Size	10, 20, 30, 50/60 ml
Applicable Syringe	Compatible with syringe of any standard
VTBI	0.1-10000 ml < 100 ml in 0.1 ml increments ≥100 ml in 1 ml increments
Flow Rate	Syringe 10 ml: 0.1-420 ml/h Syringe 20 ml: 0.1-650 ml/h Syringe 30 ml: 0.1-1000 ml/h Syringe 50/60 ml: 0.1-1600 ml/h < 100 ml/h in 0.1 ml/h increments ≥100 ml/h in 1 ml/h increments
Bolus Rate	Syringe 10 ml: 200-420 ml/h Syringe 20 ml: 300-650 ml/h Syringe 30 ml: 500-1000 ml/h Syringe 50/60 ml: 800-1600 ml/h
Anti-Bolus	Automatic
Accuracy	±2% (mechanical accuracy ≤1%)
Infusion Mode	Flow rate: ml/min, ml/h Time-based Body weight: mg/kg/min, mg/kg/h, ug/kg/min, ug/kg/h etc.
KVO Rate	0.1-1 ml/h (in 0.1 ml/h increments)
Alarms	Occlusion, near empty, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, standby, pressure sensor error, syringe installation error, syringe drop off
Additional Features	Real-time infused volume, automatic power switching, automatic syringe identification, mute key, purge, bolus, anti-bolus, system memory, history log, separate channel alarm, power saving mode
Drug Library	Available
Occlusion Sensitivity	High, medium, low
History Log	50000 events
Wireless Management	Optional
Power Supply, AC	110/230 V (optional), 50/60 Hz, 20 VA
Battery	9.6±1.6 V, rechargeable
Battery Life	Power saving mode at 5 ml/h, 10 hours for single channel, 7 hours for double channel
Working Temperature	5-40 ℃
Relative Humidity	20-90%
Atmospheric Pressure	860-1060 hpa
Size	330*125*225 mm
Weight	4.5 kg
Safety Classification	Class II , type CF

One-stop solution:
1. Feeding Pump
2. Feeding Set
3. Fluid Warmer



Model	KL-5021A
Pumping Mechanism	Curvilinear peristaltic
Enteral Feeding Set	Standard enteral feeding set with silicon tube
Flow Rate	1-2000 ml/h (in 1, 5, 10 ml/h increments)
Purge, Bolus	Purge when pump stops, bolus when pump starts, adjustable rate at 600-2000 ml/h (in 1, 5, 10 ml/h increments)
Accuracy	±5%
VTBI	1-9999 ml (in 1, 5, 10 ml increments)
Feeding Mode	ml/h
Suck	600-2000 ml/h (in 1, 5, 10 ml/h increments)
Cleaning	600-2000 ml/h (in 1, 5, 10 ml/h increments)
Alarms	Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, standby, tube dislocation
Additional Features	Real-time infused volume, automatic power switching, mute key, purge, bolus, system memory, history log, key locker, suck, cleaning
*Fluid Warmer	Optional (30-37 °C, in 1 °C increments, over temperature alarm)
Occlusion Sensitivity	High, medium, low
History Log	30 days
Air-in-line Detection	Ultrasonic detector
Wireless management	Optional
Power Supply, AC	110-230 V, 50/60 Hz, 45 VA
Vehicle Power (Ambulance)	12 V
Battery	10.8 V, rechargeable
Battery Life	8 hours at 100 ml/h
Working Temperature	10-30 °C
Relative Humidity	30-75%
Atmospheric Pressure	860-1060 hpa
Size	150(L)*120(W)*60(H) mm
Weight	1.5 kg
Safety Classification	Class II, type CF
Fluid Ingress Protection	IPX5

1. Touch screen
2. Easy to use
3. Fluid Warmer optional with adjustable temperature 30~40 °C



Model	KL-5031N
Pumping Mechanism	Rotary
Enteral Feeding Set	Standard Feeding Set with silicon tube, single channel
Flow Rate	1-2000 ml/h (in 0.1 ml/h increments)
Purge/Bolus Rate	100-2000 ml/h (in 1 ml/h increments)
Purge/Bolus Volume	1-100 ml (in 1 ml increments)
Suck/Flush Rate	100-2000 ml/h (in 1 ml/h increments)
Suck/Flush Volume	1-1000 ml (in 1 ml increments)
Accuracy	±8%
VTBI	0-20000 ml (in 0.1 ml increments)
Feeding Mode	Continuous, Intermittent, Pulse, Time, Scientific.
KTO	1-10 ml/h (in 0.1 ml/h increments)
Alarms	Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, tube error, rate error, motor error, hardware error, over temperature, standby, sleeping, empty bottle
Additional Features	Real-time infused volume, automatic power switching, mute key, purge, bolus, system memory, history log, key locker, suck, cleaning
*Fluid Warmer	Optional (30-40 °C, over temperature alarm)
Occlusion Sensitivity	High, medium, low
Air-in-line Detection	Ultrasonic detector
Wireless Management	Optional
History Log	30 days
Power Supply, AC	100-240 V, 50/60 Hz, ≤100 VA
Vehicle Power (Ambulance)	24 V
Battery	12.6 V, rechargeable
Battery Life	5 hours at 25 ml/h
Working Temperature	5-40 °C
Relative Humidity	10-80%
Atmospheric Pressure	860-1060 hpa
Size	126(L)*174(W)*100(H) mm
Weight	1.5 kg
Safety Classification	Class II, type BF
Fluid Ingress Protection	IP23

Enteral Feeding Pump KL-5041N

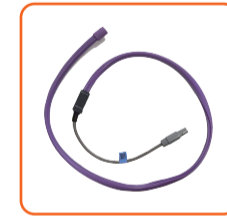
- 1. Touch screen
- 2. Easy to use
- 3. Fluid Warmer optional with adjustable temperature 30~40℃
- 4. Match Kangaroo dual channel disposables



Model	KL-5041N
Pumping Mechanism	Rotary
Enteral Feeding Set	Compatible with Kangaroo ePump Feeding Set, double channel
Flow Rate	1-2000 ml/h (in 0.1 ml/h increments)
Purge/Bolus Rate	100-2000 ml/h (in 1 ml/h increments)
Purge/Bolus Volume	1-100 ml (in 1 ml increments)
Suck/Flush Rate	100-2000 ml/h (in 1 ml/h increments)
Suck/Flush Volume	1-1000 ml (in 1 ml increments)
Accuracy	±8%
VTBI	0-20000 ml (in 0.1 ml increments)
Feeding Mode	Continuous, Intermittent, Pulse, Time, Scientific. Flush
KTO	1-10 ml/h (in 0.1 ml/h increments)
Alarms	Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, tube error, rate error, motor error, hardware error, over temperature, standby, sleeping.
Additional Features	Real-time infused volume, automatic power switching, mute key, purge, bolus, system memory, history log, key locker, suck, cleaning
*Fluid Warmer	Optional (30-40℃, over temperature alarm)
Occlusion Sensitivity	High, medium, low
Air-in-line Detection	Ultrasonic detector Bubble sensitivity
Wireless Management	Optional
History Log	30 days
Power Supply, AC	100-240 V, 50/60 Hz, ≤100 VA
Vehicle Power (Ambulance)	24 V
Battery	12.6 V, rechargeable
Battery Life	5 hours at 25 ml/h
Working Temperature	5-40℃
Relative Humidity	10-80%
Atmospheric Pressure	860-1060 hpa
Size	126(L)*174(W)*100(H) mm
Weight	1.5 kg
Safety Classification	Class II, type BF
Fluid Ingress Protection	IP23

Enteral Feeding Pump KL-5051N

- 1. Touch screen
- 2. Easy to use
- 3. Fluid Warmer optional with adjustable temperature 30~40℃



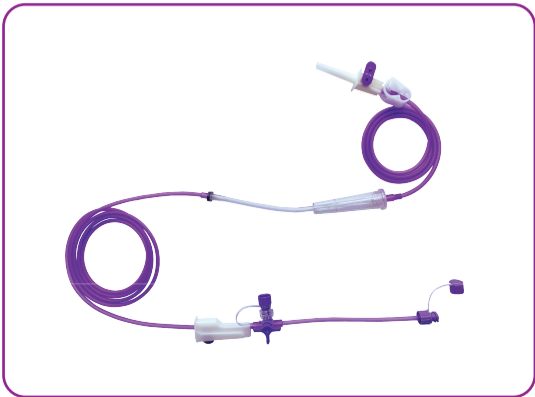
Mode	KL-5051N
Pumping Mechanism	Rotary
Enteral Feeding Set	Compatible with T-shaped Feeding Set, double channel
Flow Rate	1-2000 ml/h (in 0.1 ml/h increments)
Purge/Bolus Rate	100-2000 ml/h (in 1 ml/h increments)
Purge/Bolus Volume	1-100 ml (in 1 ml increments)
Suck/Flush Rate	100-2000 ml/h (in 1 ml/h increments)
Suck/Flush Volume	1-1000 ml (in 1 ml increments)
Accuracy	±8%
VTBI	0-20000 ml (in 0.1 ml increments)
Feeding Mode	Continuous, Intermittent, Pulse, Time, Scientific. Flush
KTO	1-10 ml/h (in 0.1 ml/h increments)
Alarms	Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, tube error, rate error, motor error, hardware error, over temperature, standby, sleeping.
Additional Features	Real-time infused volume, automatic power switching, mute key, purge, bolus, system memory, history log, key locker, suck, cleaning
*Fluid Warmer	Optional (30-40℃, over temperature alarm)
Occlusion Sensitivity	High, medium, low
Air-in-line Detection	Ultrasonic detector Bubble sensitivity
Wireless Management	Optional
History Log	30 days
Power Supply, AC	100-240 V, 50/60 Hz, ≤100 VA
Vehicle Power (Ambulance)	24 V
Battery	12.6 V, rechargeable
Battery Life	5 hours at 25 ml/h
Working Temperature	5-40℃
Relative Humidity	10-80%
Atmospheric Pressure	860-1060 hpa
Size	126(L)*174(W)*100(H) mm
Weight	1.5 kg
Safety Classification	Class II, type BF
Fluid Ingress Protection	IP23

1. Features

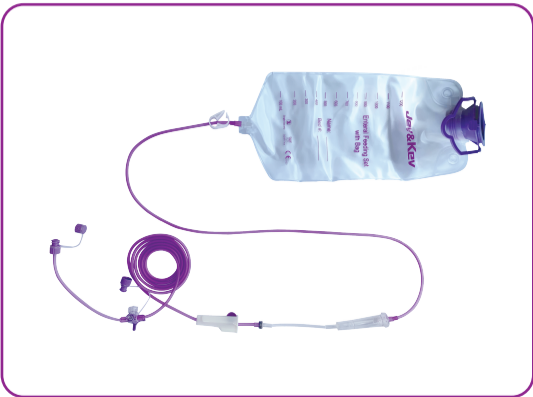
- 1. Our dual-layer co-extrusion tubes use TOTM (DEHP free) as plasticizer. The inner layer doesn't contain colorant. The purple color of the outer layer can prevent misusing with IV sets.
- 2. Compatible with various feeding pumps and liquid nutrition containers.
- 3. The internationally ENFit® connector can be used for various nasogastric feeding tubes. Its ENFit® connector design can prevent feeding tubes from accidentally fitting into IV sets.
- 4. The ENFit® connector is very convenient for feeding medicine and flushing tubes.
- 5. Different models and specifications to meet clinical requirements.

2. Types

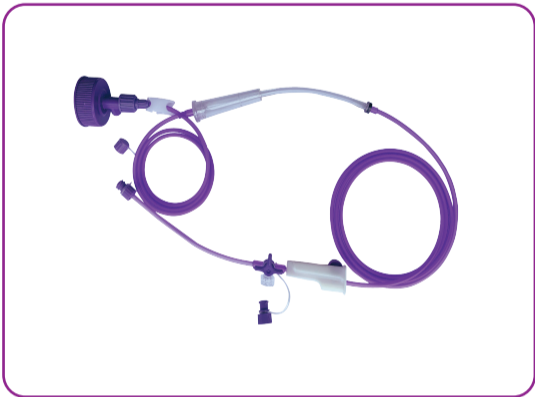
Our products can be used for nasogastric feeding tubes, nasogastric stomach tubes, enteral nutrition catheter and feeding pumps.



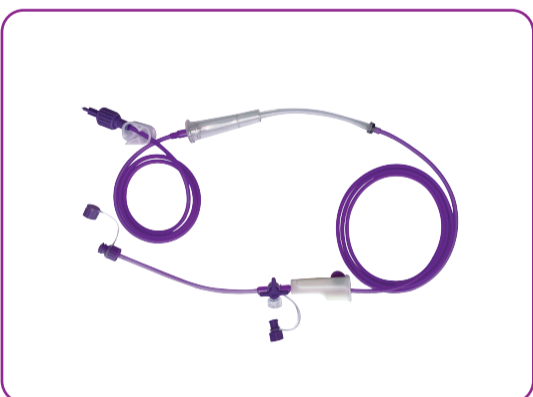
Spike Set



Bag Set



Screw Cap Set



Screw Spike Set












Standard length of silicone tube is 11cm and 21cm.
11 cm is applicable for roller feeding pump, and 21cm is applicable for peristaltic feeding pump.
Customized length of feeding tube and silicone tube according to customers' requirement.

3. Models and specifications

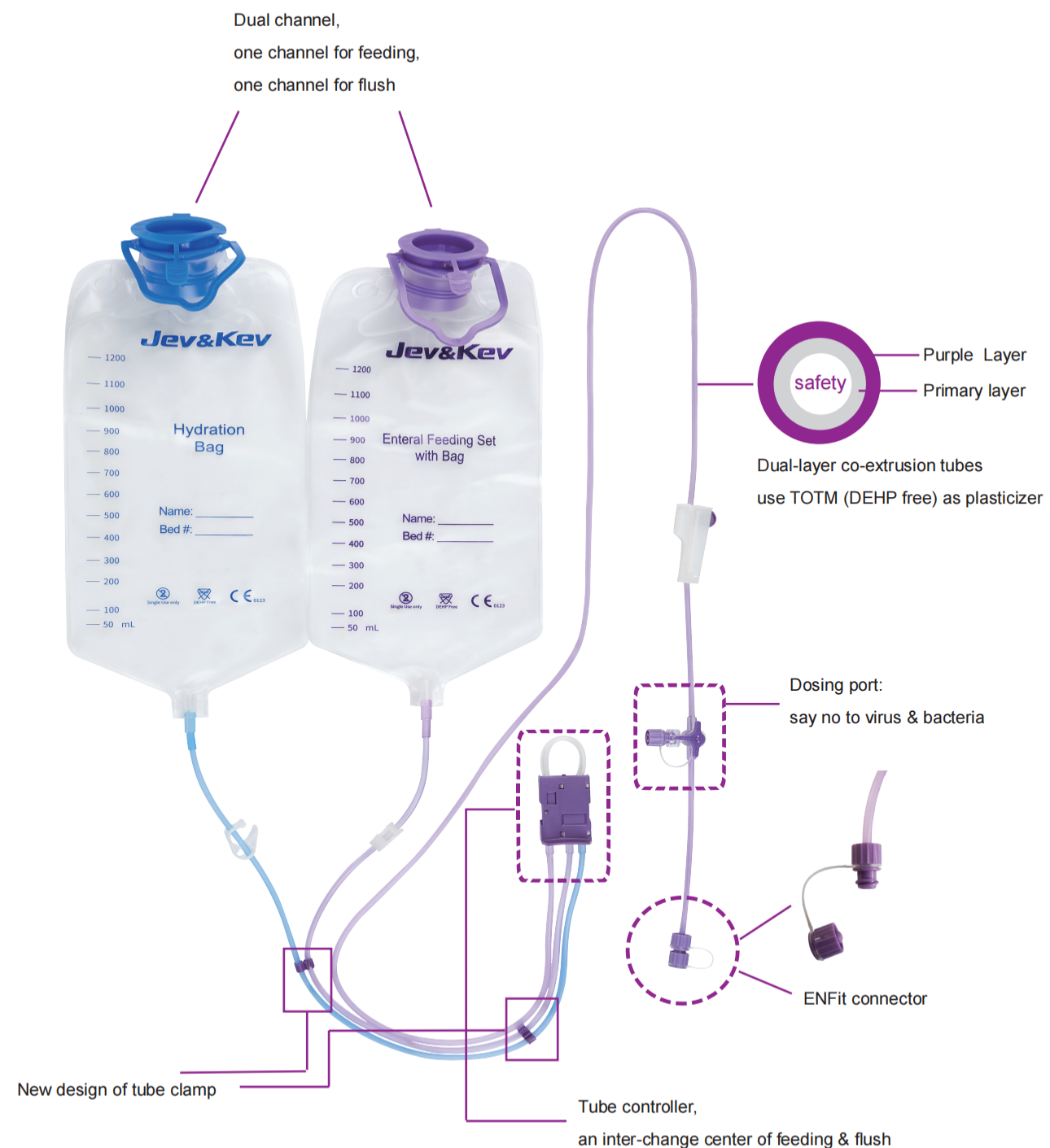
Specs of Bag Set: 500, 800, 1000, 1200, 1500, 2000ml.

Model			Package
Pump Feeding	Spike Set		JP2-1-101, JP2-1-102, JP2-1-103, JP2-1-104, JP2-1-105, JP2-1-106
	Bag Set		JP2-2-101, JP2-2-102, JP2-2-103, JP2-2-104, JP2-2-105, JP2-2-106
	Screw Set	Screw Cap Set	JP2-3-101, JP2-3-102, JP2-3-103, JP2-3-104, JP2-3-105, JP2-3-106
		Screw Spike Set	JP2-3-107, JP2-3-108, JP2-3-109, JP2-3-110, JP2-3-111, JP2-3-112
Gravity Feeding	Spike Set		JP2-1-001, JP2-1-002
	Bag Set		JP2-2-001, JP2-2-002
	Screw Set	Screw Cap Set	JP2-3-001, JP2-3-002
		Screw Spike Set	JP2-3-003, JP2-3-004

4. Connection for Enteral Feeding Set and Nutrition Container

Model	Picture	Nutrition Container	How to connect
Spike Set	 With air inlet	 With rubber bottle stopper	 Insert the spike to the bottle stopper
Screw Cap Set	 Three-in-one Connector	 Plastic wide-mouth bottle	 Special three-in-one design enables to connect with bottle mouth directly by screwing it
		 Glass bottle	 Special three-in-one design enables to connect with bottle mouth directly
Screw Spike Set	 Screw connector	 Bag nutrition container	 Screw the threaded connector to connect with the bag directly.

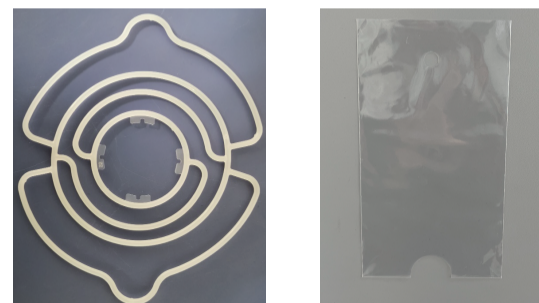
1. Features



2. Nutrition Bottle Holder

Nutrition Bottle holder

1. Mesh bag
2. Plastic bag



Dedicated Feeding Set

3. Dedicated Feeding Pump & Feeding Set

- ★ Single Channel Feeding Set : Spike Set (JP2-1)、 Bag Set (JP2-2)、 Screw Spike/Cap Set (JP2-3)

Double Channel Feeding Set: Spike Set + Bag Set (JP2-12)、Bag Set (JP2-22)、Screw Spike/Cap Set + Bag Set (JP2-32)、

Double Spike Set (JP2-11)、 Spike Set + Screw Spike/Cap Set (JP2-13)

Enteral nutrition connector: ENFit and Luer lock

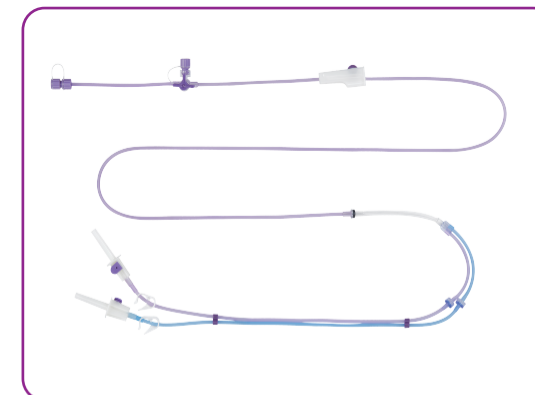
Specifications of Bag Set: 500 ml, 800 ml, 1000 ml, 1200ml, 1500 ml, 2000 ml.



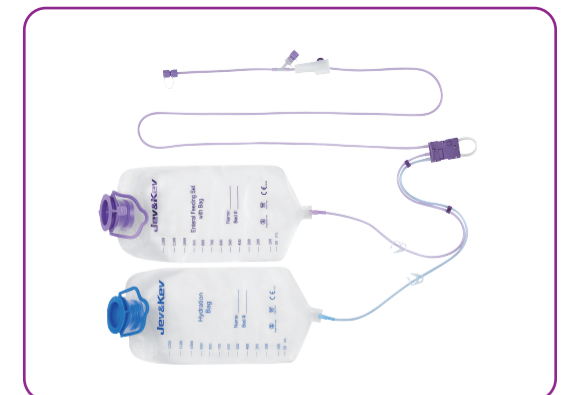
KL-5041N



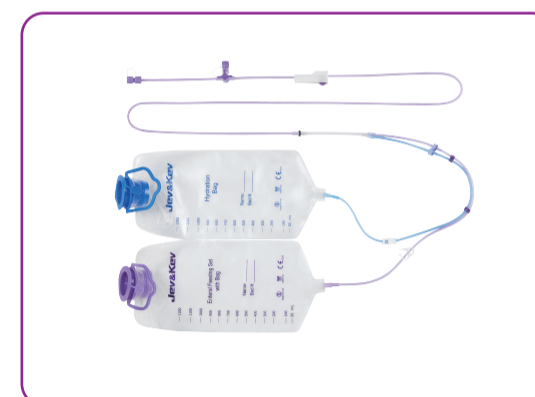
KL-5051N



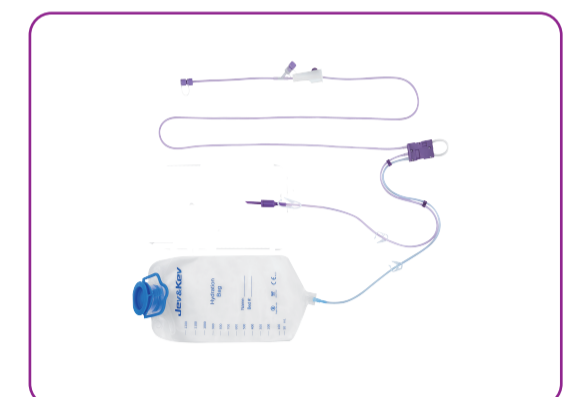
Spike Set



Double Bag Set

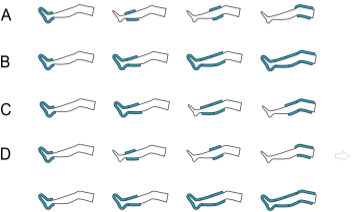


Double Bag Set



Screw Spike / Cap Set + Bag Set

- 1. 4 chambers. 4 working modes.
- 2. Real time display of pressure and time.
- 3. Optional emergency stop switch to stop therapy immediately.
- 4. 10,000 events of history log to review therapy.
- 5. Air filter mechanism to extend life.
- 6. Selectable pressure units: kPa, mmHg.

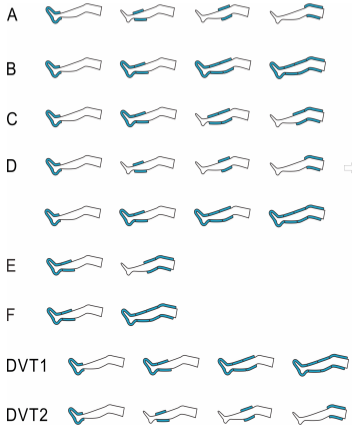


Model	KLC-40
Chamber	4
Working Mode	4
Working Time	0-99 mins
Interval Time	0-60S
Duration Time	Model A:0-60S Others:0-30S
Pressure	0,20-200mmHg
Display	LCD+indicator
Data Entry	Touch screen+key
Pressure Accuracy	±10 mmHg (≤100 mmHg) ±20 mmHg (100-2000 mmHg)
Alarms	Over pressure, air leak ,low battery, end battery, AC power off
Additional Features	Starting up self-check ,emergency stop, automatic power switching
History Log	10000 events
Power Supply,AC	110-240 V,50/60Hz, 45 VA
Battery	14.8 V, rechargeable
Working Temperature	10 - 40℃
Relative Humidity	30 - 80%
Atmospheric Pressure	700 - 1060 hpa
Size	260(L)*275(W)*170(H) mm
Weight	<3.5 kg
Noise Threshold	≤65dB

Accessories:



- 1. 2 modes for Deep Venous Thrombosis.
- 2. Real time display of pressure and time.
- 3. Optional emergency stop switch to stop therapy immediately.
- 4. 10,000 events of history log to review therapy.
- 5. Air filter mechanism to extend life.
- 6. Selectable pressure units: kPa, mmHg.



Model	KLC-40 (DVT)
Chamber	4
Working Mode	8
Working Time	0-99 mins
Interval Time	0-60S
Duration Time	Model A:0-60S Others:0-30S
Pressure	0.20-200 mmHg 0.20-160 mmHg
Display	LCD+indicator
Data Entry	Touch screen+key
Pressure Accuracy	±10 mmHg (≤100 mmHg) ±20 mmHg (100-2000 mmHg)
Alarms	Over pressure, air leak ,low battery, end battery, AC power off
Additional Features	Starting up self-check ,emergency stop, automatic power switching
History Log	10000 events
Power Supply,AC	110-240 V,50/60Hz, 45 VA
Battery	14.8 V, rechargeable
Working Temperature	10 - 40℃
Relative Humidity	30 - 80%
Atmospheric Pressure	700 - 1060 hpa
Size	260(L)*275(W)*170(H) mm
Weight	<3.5 kg
Noise Threshold	≤65dB

Accessories:



- 1. 6 chambers. 4 working modes.
- 2. Real time display of pressure and time.
- 3. Optional emergency stop switch to stop therapy immediately.
- 4. 10,000 events of history log to review therapy.
- 5. Air filter mechanism to extend life.
- 6. Selectable pressure units: kPa, mmHg.



		Model	KLC-60
A		Chamber	6
		Working Mode	4
		Working Time	0-99 mins
		Interval Time	0-60S
		Duration Time	Model A:0-60S Others:0-30S
		Pressure	0.20-200 mmHg
B		Display	LCD+indicator
		Data Entry	Touch screen+key
		Pressure Accuracy	±10 mmHg (≤100 mmHg) ±20 mmHg (100-2000 mmHg)
		Alarms	Over pressure, air leak ,low battery, end battery, AC power off
		Additional Features	Starting up self-check ,emergency stop, automatic power switching
		History Log	10000 events
C		Power Supply,AC	110-240 V,50/60Hz, 45 VA
		Battery	14.8 V, rechargeable
		Working Temperature	10 - 40℃
		Relative Humidity	30 - 80%
		Atmospheric Pressure	700 - 1060 hpa
		Size	260(L)*275(W)*170(H) mm
D		Weight	<3.5 kg
		Noise Threshold	≤65dB

Accessories:



- 1. 4 chambers. 8 working modes.
- 2. Real time display of pressure and time.
- 3. Optional emergency stop switch to stop therapy immediately.
- 4. 10,000 events of history log to review therapy.
- 5. Air filter mechanism to extend life.
- 6. Selectable pressure units: kPa, mmHg.



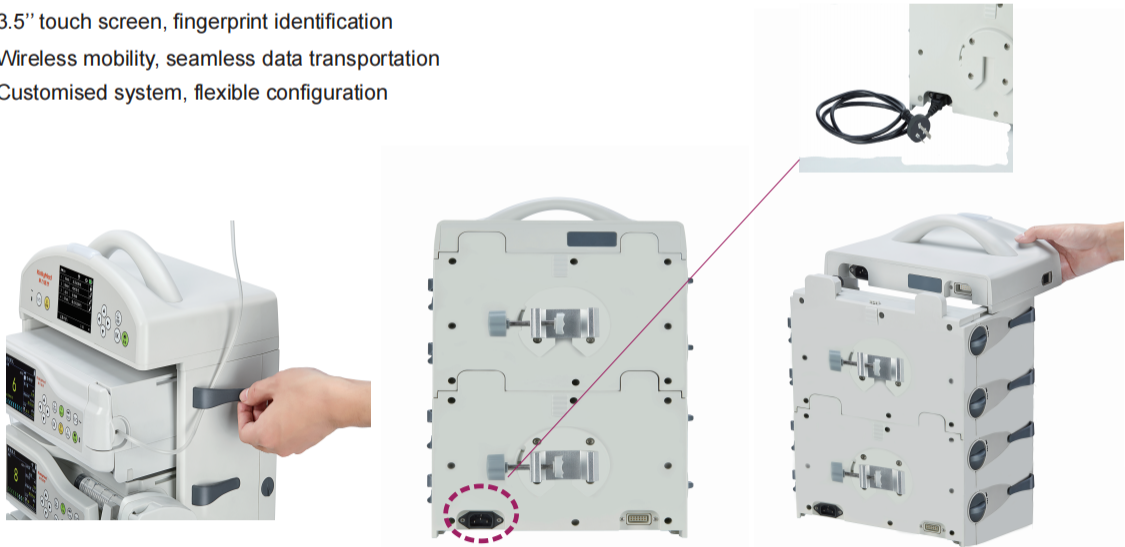
		Model	KLC-60S
A		Chamber	4
		Working Mode	8
		Working Time	0-99 mins
		Interval Time	0-60S
		Duration Time	Model A:0-60S Others:0-30S
		Pressure	0.20-200mmHg
B		Display	LCD+indicator
		Data Entry	Touch screen+key
		Pressure Accuracy	±10 mmHg (≤100 mmHg) ±20 mmHg (100-2000 mmHg)
		Alarms	Over pressure, air leak ,low battery, end battery, AC power off
		Additional Features	Starting up self-check ,emergency stop, automatic power switching
		History Log	10000 events
C		Power Supply,AC	110-240 V,50/60Hz, 45 VA
		Battery	14.8 V, rechargeable
		Working Temperature	10 - 40℃
		Relative Humidity	30 - 80%
		Atmospheric Pressure	700 - 1060 hpa
		Size	260(L)*275(W)*170(H) mm
D		Weight	<3.5 kg
		Noise Threshold	≤65dB

Accessories:



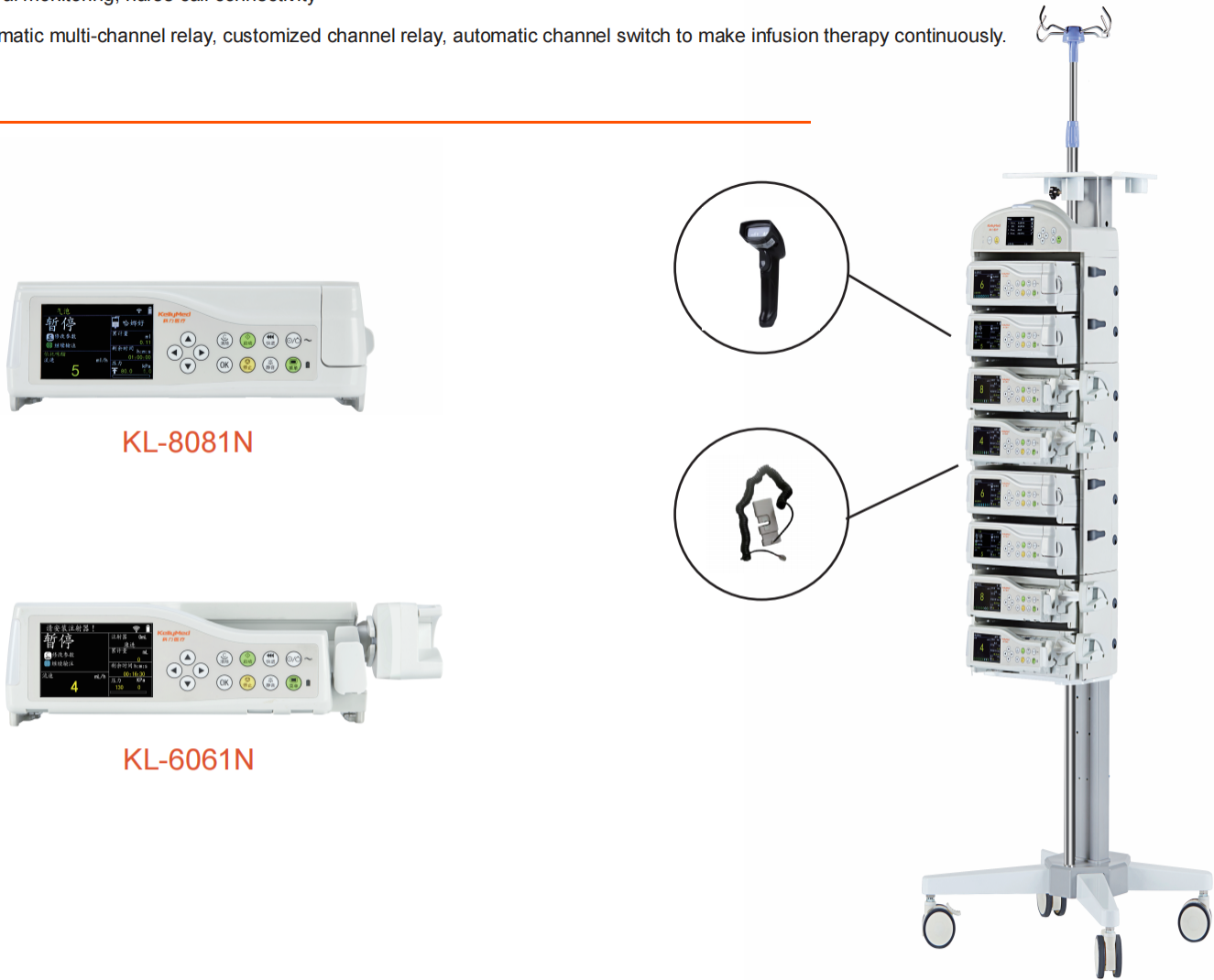
1. Flexible management

- 1. Single power cord, central power supply, One system, more pumps
- 2. 3.5" touch screen, fingerprint identification
- 3. Wireless mobility, seamless data transportation
- 4. Customised system, flexible configuration



2. Intelligent management

- 1. Central monitoring, nurse call connectivity
- 2. Automatic multi-channel relay, customized channel relay, automatic channel switch to make infusion therapy continuously.



KL-8081N

KL-6061N

3. Safety management

- 1. Drug library, out of limit alarm to make infusion therapy safer.
- 2. Data locker, fingerprint identification to protect against unauthorized tampering
- 3. Twin CPU's to make infusion process safer.
- 4. History log of 10,000 events in 8 years.
- 5. Up to 10 hours battery backup, battery status indication



4. Technical Specifications



	KL-9021N
Applicable Pump	Infusion Pump, Syringe Pump
Alarms	Same as syringe pump and infusion pump
Features	Self-checking, LCD display, automatic power switching, mute key system memory, key locker, night mode
Data Interface	Wi-Fi, wired, USB, nurse call, drop sensor
Drug Library	Available
Occlusion Sensitivity	12 levels (20-130 kPa, in 10 kPa increments)
Occlusion Unit	kPa, mmHg, psi, bar
History Log	10,000 events
Alarm Volume	8 levels
Auto. multi-channel relay	Available
Power Supply, AC	AC100-220V 50/60Hz
Battery	DC7.2V, rechargeable
Battery Life	4 hours
Working Temperature	10-40 ℃
Relative Humidity	30-75%
Atmospheric Pressure	760-1060 hpa
Size	300*200*300 mm
Weight	2.8 kg
Waterproof	IPX3
Safety Classification	Class II

Syringe Pump KL-6061N



One system,
more pumps

Automatic
multi-channel
relay

Multiple
data
transmission

Model	KL-6061N
Syringe Size	5, 10, 20, 30, 50/60 mL
Applicable Syringe	Compatible with syringe of any standard
VTBI	0.1-99999.99 mL (in 0.01 mL increments)
Infused Volume	0-99999.99 mL (in 0.01 mL increments)
	Syringe 5 ml: 0.1-100 ml/h Syringe 10 ml: 0.1-300 ml/h Syringe 20 ml: 0.1-600 ml/h Syringe 30 ml: 0.1-800 ml/h Syringe 50/60 ml: 0.1-1500 ml/h 0.1-99.99 mL/h in 0.01 ml/h increments 100-999.9 mL/h in 0.1 ml/h increments 1000-1500 mL/h in 1 ml/h increments
Flow Rate	
Bolus Rate (Manual, Auto)	50 ml/h-1500 ml/h (in 0.01, 0.1, 1 mL increments)
Bolus Volume	0.1-50 mL (in 0.1 mL increments)
Anti-Bolus	Automatic
Accuracy	±2% (mechanical accuracy ≤1%)
Infusion Mode	Rate mode, micro mode, time mode, body weight, initial dose mode, sequential mode, ramp up/down mode
KVO Rate	0.1-10 mL/h (in 0.1 mL/h increments)
Alarms	Occlusion, near empty, end program, low battery, end battery, no battery, AC power off, motor malfunction, system malfunction, standby, syringe installation error, syringe drop off
Additional Features	Automatic power switching, automatic syringe identification, mute key, purge, bolus, anti-bolus, system memory, key locker, change flow rate without stopping the pump
Drug Library	Available
Occlusion Sensitivity	12 levels (20-130 kPa, in 10 kPa increments)
Occlusion Unit	kPa, mmHg, psi, bar
History Log	100,000 events
Alarm Volume	8 levels
Auto. multi-channel relay	Available
Power Supply, AC	AC100-240V 50/60Hz
Battery	DC14.4V, rechargeable
Battery Life	10 hours at 5 ml/h
Working Temperature	5-40 C
Relative Humidity	15-80%
Atmospheric Pressure	860-1060 hpa
Size	290*175*84 mm
Weight	2.5 kg
Waterproof	IPX3
Safety Classification	Class II, type CF

Infusion Pump KL-8081N



One system,
more pumps

Automatic
multi-channel
relay

Multiple
data
transmission

Model	KL-8081N
Pumping Mechanism	Curvilinear peristaltic
IV Set	Compatible with IV sets of any standard
Flow Rate	0.1-2000 mL/h (in 0.01, 0.1, 1 mL/h increments)
Bolus Rate (Manual, Auto)	50-2000 mL/h (in 0.01, 0.1, 1 mL/h increments)
Bolus Volume	0.1-50 mL (in 0.01 mL increments)
Accuracy	±3%
VTBI	0.1-99999.99 mL (in 0.01 mL increments)
Infused Volume	0-99999.99 mL (in 0.01 mL increments)
Infusion Mode	Rate mode, micro mode, time mode, body weight, initial dose mode, sequential mode, ramp up/down mode, drop mode
KVO Rate	0.1-10 mL/h (in 0.1 mL/h increments)
Alarms	Occlusion, air-in-line, door open, near end, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, standby, drop error
Additional Features	Automatic power switching, mute key, purge, bolus, system memory, key locker, change flow rate without stopping the pump
Drug Library	Available
Occlusion Sensitivity	12 levels (20-130 kPa, in 10 kPa increments)
Occlusion Unit	kPa, mmHg, psi, bar
History Log	100,000 events
Air-in-line Detection	Ultrasonic detector 40-800 μL (in 20 μL increments)
Double Bubble Sensor	Available
Alarm Volume	8 levels
Auto. multi-channel relay	Available
Drop Sensor	Optional
Power Supply, AC	AC100-240V 50/60Hz
Battery	DC14.4V, rechargeable
Battery Life	10 hours at 25 ml/h
Working Temperature	5-40 C
Relative Humidity	15-80%
Atmospheric Pressure	860-1060 hpa
Size	240*176*87 mm
Weight	2.5 kg
Waterproof	IPX3
Safety Classification	Class II, type CF