

About KellyMed

Founded in 1994, Beijing KellyMed Co., Ltd. is a high-tech corporation dedicated to research and development, manufacturing and marketing of medical instruments, with the support of the Institute of Mechanics of the Chinese Academy of Sciences.

Manufacturing plant, R&D center, quality control division, sales division were established national, international sales division and customer service center under KellyMed.

Engineers specialize in Physics, Infrared Radiation, Electronics, Ultrasound, Automation, Computing, Sensors and Mechanics.

The State Intellectual Property Office of China has granted 60 patents. KellyMed is certified ISO9001/ISO13485. Most of products have CE mark.

Today, the company produces world-class equipment, which is sold not only in China, but also exported. to more than 60 countries in Europe, South America, Asia and Africa.

- KellyMed, as the number one in this field for the past 25 years
- Years: 1. In 1994, KellyMed developed the first Chinese-made infusion pump.
2. In 1994, as the first infusion pump manufacturer in China, KellyMed was listed “National Program for the Promotion of Technological Achievements”.
3. In 1998, KellyMed was included in the list of “High-Tech Companies”.
4. In 2001, KellyMed was included in the “Ministry of Health Promotion Program”.
5. In 2012, KellyMed was authorized as Terumo's exclusive OEM supplier for infusion pumps and syringe pumps in China.
6. In 2018, KellyMed was the first manufacturer to provide a comprehensive solution for enteral therapy. nutrition (Feeding pump, Feeding equipment, Nasogastric tube).



KL-8071A infusion pump

Drug library

Fluid heater

Vehicle power



Model	KL-8071A
Pumping mechanism	Curvilinear peristaltic
IV set	Compatible with IV equipment of any standard
Caudal	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%
Max reservoir vol.	1-20000ml
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, open door, end of program, low battery, end of battery, AC shutdown, engine malfunction, system malfunction, standby mode
Additional Features	Real-time infused volume, automatic power switching, mute key, purge, bolus, system memory, key locker, medication library, fluid warmer, change flow rate without stopping the pump.
Drug library	Available
*Liquid heater	Optional (20-35, in increments of 1)
Occlusion sensitivity	High, medium, low
Air in line detection	Ultrasonic detector
Wireless Management	Optional
Historical record	30 days
Power supply, AC	100-240V 50/60Hz
Vehicle power (ambulance)	12 volts
Battery	12V, rechargeable, 8 hours at 25ml/h
Working temperature	10-30
Relative humidity	30-75%
Atmospheric pressure	860-1060 hPa
Size	150 (length) x 125 (width) x 60 (height) mm
Weight	1.7 kilos
Safety classification	Class II, type CF

KL-8052N Infusion Pump

Neonatal and adult
Built-in thermostat



Model	KL-8052N
Pumping mechanism	Curvilinear peristaltic
IV set	Compatible with IV equipment of any standard
Caudal	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%
*Built-in thermostat	30-45 , adjustable
Maximum reservoir volume	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, open door, end of program, low battery, end of battery, AC shutdown, engine malfunction, system malfunction, standby mode
Additional Features	Real-time infused volume/bolus rate/bolus volume/KVO rate, auto power switching, mute key, purge, bolus, system memory, Key lock, 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
Relative humidity	30-75%
Atmospheric pressure	700-1060 horsepower
Size	174*126*215 millimeters
Weight	2.5 kilos
Safety classification	Class , type CF

KL-602 Syringe Pump

Automatic size detection

from the syringe

Automatic anti-bolus

Automatic calibration



Model	KL-602
Syringe size	10, 20, 30, 50/60 ml
Applicable syringe	Compatible with syringes of any standard.
Flow rate range	0.1-9999 ml 1000 ml in 0.1 ml increments 1000 ml in 1 ml increments
Caudal	10ml syringe: 0.1-400ml/h Syringe 20ml: 0.1-600ml/h 30ml syringe: ml: 0.1-900 ml/h 50/60 ml syringe: 0.1-1300 ml/h 100 ml/h in 0.1 ml/h increments 100 ml/h in 1 ml/h increments
Bolus rate	10 ml syringe: 400 ml/h 20 ml syringe: 600 ml/h 30 ml syringe: 900 ml/h 50/60 ml syringe: 1300 ml/h
Anti-Bolo	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. 0.1-1 ml/h (in increments of 0.1 ml/h)
KVO rate	
Alarms	Occlusion, near empty, end of program, low battery, end of battery, power supply AC off, engine malfunction, system malfunction, mode wait, pressure sensor error, syringe installation error, syringe drop
Additional Features	Real-time infused volume, automatic energy switching, Automatic syringe identification, mute key, purge, bolus, anti-bolus, memory of the syringe system, key lock
Drug library	Available
Occlusion sensitivity	High, medium, low Stackable
Docking station	up to 4 in 1 or 6 in 1 Docking Station Optional 110/230
Wireless Management	V (optional),
Power supply, AC	50/60 Hz, 20 VA 9.6 ± 1.6 V, rechargeable
Battery	
Battery life	7 hours at 5 ml/h
Working temperature	5-40
Relative humidity	20-90%
Atmospheric pressure	860-1060 horsepower
Size	314*167*140 millimeters
Weight	2.5 kg
Safety classification	Class , type CF



KL-605T Syringe Pump

Applicable syringe: 5, 10, 20, 30, 50/60

ml, increments of

0.01 ml/h for

flow rate, bolus flow rate, KVO flow rate



Model	KL-605T
Syringe size	5, 10, 20, 30, 50/60 ml
Applicable syringe	Compatible with any standard syringes from 1 to
Flow rate range	1000 ml (in increments of 0.1, 1, 10 ml)
Caudal	5 ml syringe: 0.1-100 ml/h (in increments of 0.01, 0.1, 1, 10 ml/h) 10ml syringe: 0.1-300ml/h Syringe 20ml: 0.1-600ml/h 30ml syringe: ml: 0.1-800 ml/h 50/60 ml syringe: 0.1-1200 ml/h 5 ml: 0.1-100 ml/h (in increments of 0.01, 0.1, 1, 10 ml/h)
Bolus rate	increments of 0.01, 0.1, 1, 10 ml/h) 10ml: 0.1-300ml/h 20ml: 0.1-600ml/h 30ml: 0.1-800ml/h 50/60ml: 0.1-1200ml/h
Anti-Bolo	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. 0.1-1 ml/h (in increments of 0.01 ml/h)
KVO rate	
Alarms	Occlusion, near empty, end of program, low battery, end of battery, power supply AC off, engine malfunction, system malfunction, mode wait, pressure sensor error, syringe installation error, syringe drop
Additional Features	Real-time infused volume, automatic energy switching, Automatic syringe identification, mute key, purge, bolus, anti-bolus, system memory, historical log
Drug library	Available
Occlusion sensitivity	High, medium, low
Docking station	Stackable docking station up to 4 in 1 or 6 in 1
History log	50000 events
Wireless Management	50000 events
Power supply, AC	110-230V, 50/60Hz, 20VA
Battery	14.8V, rechargeable
Battery life	8 hours at 5 ml/h
Working temperature	5-40
Relative humidity	20-90%
Atmospheric pressure	700-1060 horsepower
Size	245*120*115 millimeters
Weight	2.5 kg
Safety classification	Class , type BF

TCI KL-605T

Working 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 syringes of any standard.
Maximum infusion rate	1-1000 ml (in increments of 0.1, 1, 10 ml)
Caudal	5 ml syringe: 0.1-100 ml/h (in increments of 0.01, 0.1, 1, 10 ml/h) 10ml syringe: 0.1-300ml/h 20ml syringe: 0.1-600ml/h 30ml syringe: 0.1-800ml/h Syringe 50/60 ml: 0.1-1200 ml/h
Bolus rate	5ml: 0.1-100ml/h (in increments of 0.01, 0.1, 1, 10ml/h) 10ml: 0.1-300ml/h 20ml: 0.1-600ml/h 30ml: 0.1-800ml/h 50/60ml: 0.1-1200ml/h
Anti-Bolo	Automatic
Accuracy	±2% (mechanical accuracy ±1%)
Infusion mode	1. Easy mode 2. Flow 3. Time-based 4. Body weight 5. Plasma TCI 6. TCI effect
KVO rate	0.1-1 ml/h (in increments of 0.01 ml/h)
Alarms	Occlusion, near empty, end of program, low battery, end of battery, AC shutdown, engine malfunction, system malfunction, standby mode, Pressure sensor error, syringe installation error, syringe drop
Additional Features	Real-time infused volume, automatic power switching, Automatic syringe identification, mute key, purge, bolus, anti-bolus, system memory, historical log
Drug library	Available
Occlusion sensitivity	High, medium, low
History log	50000 events
Power supply, AC	110-230V, 50/60Hz, 20VA
Battery	14.8V, rechargeable
Battery life	8 hours at 5 ml/h
Working temperature	5-40
Relative humidity	20-90%
Atmospheric pressure	700-1060 horsepower
Size	245*120*115 millimeters
Weight	2.5 kilos
Safety classification	Class , type BF

KL-702 Syringe Pump

Automatic size detection

from the syringe

Automatic anti-bolus

Automatic calibration



Model	KL-702
Syringe size	10, 20, 30, 50/60 ml
Applicable syringe	Compatible with syringes of any standard.
Maximum infusion rate	0.1-10000 ml 100 ml in 0.1 ml increments ±100 ml in 1 ml increments
Caudal	10ml syringe: 0.1-420ml/h 20ml syringe: 0.1-650ml/h 30ml syringe: 0.1-1000ml/h 50/60 ml syringe: 0.1-1600 ml/h 100 ml/h in 0.1 ml/h increments ±100 ml/h in 1 ml/h increments
Bolus rate	10 ml syringe: 200-420 ml/h 20 ml syringe: 300-650 ml/h 30 ml syringe: 500-1000 ml/h 50/60 ml syringe: 800-1600 ml/h
Anti-Bolo	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 of program, low battery, end of battery, AC shutdown, engine malfunction, system malfunction, standby mode, Pressure sensor error, syringe installation error, syringe drop
Additional Features	Real-time infused volume, automatic power switching, automatic Syringe ID, mute key, purge, bolus, anti-bolus, system Memory, historical record, independent 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 dual channel 5-40
Working temperature	
Relative humidity	20-90%
Atmospheric pressure	860-1060 horsepower
Size	330*125*225 millimeters
Weight	4.5 kilos
Safety classification	Class , type CF

Feed pump KL-5021A

- Comprehensive solution:
- Feed pump
- Feeding game
- Fluid heater



Model	KL-5021A
Pumping mechanism	Curvilinear peristaltic
Enteral feeding equipment	Standard enteral feeding set with silicone tube
Caudal	1-2000 ml/h (in increments of 1, 5, 10 ml/h)
Purge, bolus	Purge when pump stops, bolus when pump starts, Adjustable rate from 600 to 2000 ml/h (in increments of 1, 5 and 10 ml/h)
Accuracy	±5%
Measurable volume range	1-9999 ml (in increments of 1, 5, 10 ml)
Feeding mode	ml/h
Suck	600-2000 ml/h (in increments of 1, 5, 10 ml/h)
Cleaning	600-2000 ml/h (in increments of 1, 5, 10 ml/h)
Alarms	Occlusion, air in line, open door, end of program, low battery, end of battery, AC shutdown, engine malfunction, system malfunction, standby mode, tube dislocation
Additional Features	Real-time infused volume, automatic power switching, mute key, purge, bolus, system memory, history log, key locker, suction, clean
*Liquid heater	Optional (30-37, in increments of 1 , over temperature alarm)
Occlusion sensitivity	High, medium, low
History log	30 days
Air in line detection	Ultrasonic detector
Wireless Management	Optional
Power supply, AC	110-230V, 50/60Hz, 45VA
Vehicle power (ambulance)	12 volts
Battery	10.8V, rechargeable
Battery life	8 hours at 100 ml/h
Working temperature	10-30
Relative humidity	30-75%
Atmospheric pressure	860-1060 horsepower
Size	150 (length) x 120 (width) x 60 (height) mm
Weight	1.5 kilos
Safety classification	Class , type CF
Protection against fluid ingress	IPX5



Feed pump KL-5031N, 5041N,

5051N

- Single channel (feed)
- Dual channel (feed, discharge)



Model	KL-5031N, KL-5041N, KL-5051N
Pumping mechanism	Rotary
Enteral feeding equipment	Standard enteral feeding set with silicone tube
Caudal	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)
Suction/discharge rate	100-2000 ml/h (in 1 ml/h increments)
Suction/discharge volume	1-1000 ml (in 1 ml increments)
Accuracy	±8%
Measurable volume range	1-20000 ml (in 0.1 ml increments)
Feeding mode	Continuous, Intermittent, Pulse, Time, Scientific. Rinse (KL-5041N, KL-5051N)
KTO	1-10 ml/h (in increments of 0.1 ml/h)
Alarms	Occlusion, air in line, open door, end of program, low battery, end of battery, AC shutdown, tube error, speed error, motor error, hardware error, overheating, standby, sleeping. Empty bottle (KL-5031N)
Additional Features	Real-time infused volume, automatic power switching, mute key, purge, bolus, system memory, history log, key locker, suction, clean
*Liquid heater	Optional (30-37 , over temperature alarm)
Occlusion sensitivity	High, medium, low
Air in line detection	Ultrasonic Detector (KL-5041N, KL-5051N)
History log	30 days
Air in line detection	Ultrasonic detector
Wireless Management	Optional
Power supply, AC	110-240V, 50/60Hz, γ100VA
Vehicle power (ambulance)	24 volts
Battery	12.6V, rechargeable
Battery life	5 hours at 25 ml/h
Working temperature	5-40
Relative humidity	10-80%
Atmospheric pressure	860-1060 horsepower
Size	126 (length) x 174 (width) x 100 (height) mm
Weight	1.5 kilos
Safety classification	Class , type BF
Protection against fluid ingress	IP23