



The KellyMed KL-8052N Infusion Pump (VM-IFPKL8052N) is a volumetric peristaltic infusion pump with flow rates 0.1?1500ml/h, ?3% accuracy, and VTBI 1?9999ml. Features air-in-line detection, occlusion alarms, 6-hour battery life, and optional wireless management. ISO 9001, ISO 13485, CE certified.

What Is the KL-8052N Infusion Pump?

The KL-8052N is a volumetric infusion pump manufactured by Beijing KellyMed Co., Ltd. (established 1994), designed for controlled, precise delivery of intravenous fluids, medications, and nutritional solutions. The curvilinear peristaltic pumping mechanism is compatible with IV sets of any standard, and the electronic flow control achieves a delivery accuracy of ?3% ? meeting clinical requirements for continuous infusion of cardiovascular drugs, antibiotics, chemotherapy, and total parenteral nutrition.

Technical Performance and Safety Features

Flow rate adjusts from 0.1ml/h to 1500ml/h in 0.1ml/h increments ? enabling precise delivery from NICU microdosing through to rapid fluid resuscitation. Bolus delivery (100?1500ml/h) and purge functions support clinical requirements. The KVO (keep vein open) rate (0.1?5ml/h) maintains catheter patency between infusions. A comprehensive alarm system covers occlusion, air-in-line (ultrasonic detection), door open, end of program, low battery, AC power failure, motor malfunction, and system malfunction. Occlusion sensitivity is user-selectable (high/medium/low).

Battery, NICU Thermostat and Connectivity

The rechargeable 9.6V battery provides 6 hours of operation at 125ml/h ? enabling safe patient transport between departments without interrupting infusions. A built-in thermostat (30?45?C, adjustable) warms the infusate to body temperature ? particularly important in neonatal (NICU) applications where hypothermia risk is significant. Optional wireless management allows remote monitoring in connected hospital environments. Power supply: 110/230V AC, 50-60Hz, 20VA.

Technical Specifications

Specification	Detail
Specification	Value
Model	KL-8052N (Beijing KellyMed)
Pumping Mechanism	Curvilinear peristaltic
Flow Rate	0.1?1500 ml/h (0.1 ml/h increments)
Bolus/Purge	100?1500 ml/h (1 ml/h increments)
Bolus Volume	1?20 ml (1 ml increments)
Accuracy	?3%
VTBI	1?9999 ml
KVO Rate	0.1?5 ml/h
Air-in-line Detection	Ultrasonic
Battery Life	6 hours at 125 ml/h
Thermostat	30?45?C (adjustable, NICU)
Power Supply	110/230V AC, 50?60Hz, 20VA

Specification	Detail
Size / Weight	174?126?215 mm / 2.5 kg
Certifications	ISO 9001:2008, ISO 13485, CE

SKU: VM-IFPKL8052N