



IP-7700 Infusion Pump



The IP-7700 infusion pump utilizes a peristaltic mechanism to deliver exact flow control. It features advanced ultrasonic bubble detection and is compatible with IV sets from various brands.

Designed for ease of use, the IP-7700 offers a straightforward setup process through its intuitive silicone numeric keypad. Its FND display and color LCD provide clear, comprehensive information at a glance. Key infusion parameters—such as K.V.O. rate, purge rate, and bolus—can be easily configured within the operating interface.



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Key Features:

Lightweight & Compact: Weighs only 3.5 kg with a space-saving design, ideal for easy handling and mobility.

Multi-Brand IV Set Compatibility: Supports up to 4 standard IV set brands—BD (A122), TERUMO (TS PA 200L), KOREAN VACCINE (1 and 2), and ARIES. Each pump can be calibrated for up to 9 different IV sets.

Flexible Flow Rate Adjustment: Offers a wide flow rate range from 0.1 to 999.9 ml/h, allowing for precise control. The numeric keypad ensures simple and accurate programming.

Full Programmable Dosage (Optional): Automatically calculates and delivers the correct flow rate based on the patient's dosage requirements.

Reliable Alarm System: Visual and audible alerts via LED indicators and buzzer quickly notify users of errors or emergency conditions.

Battery Status Indicator: Built-in LED display shows remaining battery level and charging status to ensure timely recharging.

K.V.O. (Keep Vein Open) Function: Automatically switches to a low flow rate (3 ml/h for 15, 19, 20 drops/ml sets or 1 ml/h for 60 drops/ml sets) after infusion completion to prevent vein blockage due to blood coagulation.

Ultrasonic Air Bubble Detection: Enhances safety by detecting air bubbles in the infusion line.

Veterinary-Ready: Designed to meet the needs of veterinary applications.





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Technical specifications :

Infusion Rate	- 1~1000 ml/h (1 ml infusion interval) - 0.1~999.9 ml/h (0.1ml infusion interval)
Flow volume error margin	±5%
Infusion limit volume range	1~9999 ml
Total estimated volume range	1~9999 ml
K.V.O Rate(Vein maintain function)	1 ml/h ~ 10 ml/h adjustable
Pumping Mechanism	Peristaltic method
Dimensions	100 x 190 x 250 mm
Weight	3.5kg
Rapid flow volume (Purge) Rate	1-1000 ml/h adjustable
Bolus Rate	1~1000 ml/h adjustable
Nurse call Output	DC24V, 0.5A
Alarm features	Air in line, occlusion, flow error (free flow), door open, K.V.O. (Infusion completion), standby, low battery, alarm, device malfunction (CPU error), empty container (with optional drop sensor)

Special Features :

Power	- AC 230V, 50/60Hz and DC9.6V inner source adapter - DC 24V / 1A Available on request 110V / 60Hz
Maximum power consumption	15VA
Electric protection levels	Class II B, inner source device, CF type
Waterproof level	IPX2
Battery type	Ni-Cd
Battery using time	5 hrs. (when infusing 125 ml/h)
Battery charging time	Minimum 6 hours
Battery life	approx 6 months





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