



Medicatech VET[®]
A Medicatech Company

SP-8800 Syringe Pump



The SP-8800 features a one-touch slider hook for quick and easy syringe installation. Its intuitive silicone numeric keypad allows for a straightforward setup process, while the color LCD clearly displays infusion details. Frequently used functions are easily accessible through convenient shortcut keys. Key infusion parameters—including K.V.O. rate, purge rate, bolus, and anti-bolus—can be configured directly through the operating interface. The unit comes equipped with a built-in battery for portable use.



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Key Features:

Flexible Flow Volume Settings: Precise control for a wide range of infusion requirements.

Optional Full Programmable Dosage: Automatically calculates the correct flow rate based on patient weight, drug concentration, and dilution factors.

Keep Vein Open (K.V.O.) Function: Automatically switches to a low flow rate of 0.1 ml/h upon completion to prevent vein blockage due to blood coagulation.

Syringe Compatibility: Standard compatibility with 5 major syringe brands—BD, TERUMO, PENTAFERTE, RAYS, and KOVA. Syringe brand can be selected directly through the system.





Technical Specifications – SP-8800 Syringe Pump

Flow Rate Range
(based on syringe size):

10 ml syringe: 0.1 – 300 ml/h
20 ml syringe: 0.1 – 400 ml/h
30 ml syringe: 0.1 – 500 ml/h
50 ml syringe: 0.1 – 1200 ml/h

Flow volume error margin	±3%
Infusion limit volume range	0.1~999.9ml (0.1 ml infusion interval)
Total estimated volume range	0.1~999.9ml (0.1 ml infusion interval)
K.V.O Rate(Vein maintain function)	1 ~ 10 ml/h adjustable
Dimensions	220 x 130 x 108 mm
Weight	2 kg
Rapid flow volume (Purge) Rate	0.1 ~ 1200 ml/h adjustable
Bolus Rate	0.1 ~ 1200 ml/h, 0.1 ~ 1000 ml adjustable
Nurse call Output	DC12V, 1A
Alarm features	Occlusion, K.V.O. (infusion completion), standby, near empty, low battery, device malfunction (CPU error), clamp/handle lever/slider disengaged, syringe disengaged.

Special Features :

Power

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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