

JMS SYRINGE PUMP SP-500X





Compact and Light Weight Design

Compact body, weighting only 1.6kg, reduces the burden of carrying and the risk of the pump falling. Compared to the previous JMS Syringe Pump SP-500, the weight has been reduced by about 40% and the volume has been reduced by about 50%.



Foldable handle to save space



User-Friendly Design

- Upper and lower syringe flange clamp holds syringe plunger tightly and prevents unexpected disengagement.
- Transparent syringe clamp makes identifying the remaining volume of medicine inside the syringe easily.
- Intuitive main lamp helps users swiftly identify the operating status and alarms.



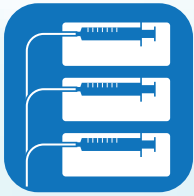
Easy to attach syringe



Transparent syringe clamp



Intuitive main lamp



Space Saving with Docking Station

3 units of SP-500X can be attached to 1 Docking Station with 1 power code. Helpful for saving space in medical wards, ICU and operating room.



Hangable on bed side fence



Dedicated IV stand for 2 Docking Stations



Extended Battery Life, Reduced Charging Time

8 hours operating time with 6 hours charging. Doubled operating time with 1/3 charging time compared to the previous JMS Syringe Pump SP-500. No worries during power outages.



Night Mode

Brightness and volume are adjusted on night mode, minimizing the disturbance of the patient's sleep.

Specifications

Name	JMS SYRINGE PUMP SP-500X
Model	SP-500X
Flow rate accuracy	Accuracy: $\pm 3\%$ (syringe included)
Machine accuracy	$\pm 1\%$
Usable syringe brands	JMS (10, 20, 30, 50 mL) Other brand syringes can be used by setting with the software.
Flow rate setting	0.1 to 300.0 mL / h (0.1 mL / h increment)
Setting range	Using the flow rate upper limit setting function, it can be changed in the range of 0.1 to 999.0 mL / h.
KOR rate	0.1 mL/h
Total volume displayed Setting range	0.1 to 999.9 mL / h
Rapid infusion flow rate	JMS syringe 10 mL syringe: 300 mL / h 20 mL syringe: 300, 500 mL / h 30 mL syringe: 300, 700 mL / h 50 mL syringe: 300, 1200 mL / h
Alarms	Infusion complete / occlusion / reminder / syringe disengage / battery level / shutdown / re-alarm
Occlusion alarm level setting	[H]: 100 ± 30 kPa (750.1 ± 225.0 mmHg) (1.02 ± 0.31 kgf / cm ²) [M]: 70 ± 25 kPa (525.0 ± 187.5 mmHg) (0.71 ± 0.26 kgf / cm ²) [L]: 40 ± 20 kPa (300.0 ± 150.0 mmHg) (0.41 ± 0.20 kgf / cm ²)
Operating conditions	Ambient temperature: 5 to 40°C Relative humidity: 20 to 90% (with no condensation)
Storage conditions	Ambient temperature: -20 to 45°C Relative humidity: 10 to 95% (with no condensation)
Power supply	AC power supply: 100 V -240V \pm 10% 50 or 60 Hz Internal battery (Ni-MH battery): 9.6 V, Approx. 1900 mAh Can be used for approximately 8 hours (conditions: 25 °C ambient temperature with a new battery, charged for more than 6 hours, flow rate is 5.0 mL / h) DC power supply (when using a dedicated power supply): 15 V
Power consumption	28VA (at AC power), 14 W (at DC power)
Category	Class I and internal battery, type CF, IPX 4 (splash-proof)
EMC standard	IEC 60601-1-2: 2007, IEC 60601-2-24: 2012
Dimension / Weight	223 (width) x 123 (height) x 110 (depth) mm / Approx. 1.6 kg

The product image for illustration purposes only.