



THE TOP IN QUALITY
for all areas of healthcare

TOP INFUSION PUMP MJ-210



Automatic
IV set Attaching Function

Easy
Operation

Specifications

Product Name	TOP INFUSION PUMP MJ-210			
Power Supply	AC adapter: Input AC100~240V±10%, 50/60Hz :Output DC5V/2A Internal Battery: Rechargeable DC3.7V 2500mAh Li-ion battery Battery life: Approx. 4hours			
Input Current	AC power supply: 0.9A			
Applicable Infusion Set	[Recommendation] TOP SOLUTION INFUSION SET U series [Available] INFUSION SET other than U series			
Flow Rate Range	Useries mode	0.1~99.9mL/h (0.1mL/h increments) 100~1200mL/h (1mL/h increments)		
	General mode	15drops/mL Infusion set: 1~400mL/h (1mL/h increments) 20drops/mL Infusion set: 1~360mL/h (1mL/h increments) 60drops/mL Infusion set: 1~150mL/h (1mL/h increments)		
Volume Limit Range	0.1 ~ 9999.9mL (0.1mL increments)			
Total Volume Range	0.0 ~ 9999.9mL (0.1mL increments)			
Infusion Accuracy*	Useries mode	±5% (IEC60601-2-24, Clinical situations)		
	General mode	±10% (IEC60601-2-24, Clinical situations, Water or Saline)		
Occlusion Detection Pressure*		Downstream occlusion		Upstream occlusion
		Useries mode	General mode	
	Oc.Lv.3 :	High 120±30kPa	High	0 ~ -100kPa
	Oc.Lv.2 :	Medium 90±30kPa	Medium	
	Oc.Lv.1 :	Low 60±30kPa	Low	
	Oc.Lv.0 :	Lowest 30±20kPa	Lowest	
Air-in-line Detection Sensitivity*	Ar.Lv.0 :	High (Approx. 50uL)		
	Ar.Lv.1 :	Medium (Approx. 0.1mL/15minutes)		
	Ar.Lv.2 :	Low (Approx. 1mL/15minutes)		
Alarm and Information	Volume limit* / Upstream occlusion* / Downstream occlusion* / Air-in-line* / Empty container* / Flow error / Free flow / DROP SENSOR / Clamp / Auto power OFF / Power loss / System error* / Volume limit pre- / No battery / Low battery / No action / Data reset / Unspecified flow rate / Set value confirmation / Maintenance timer / Power supply switch			
Special Functions	Automatic INFUSION SET attaching function / Automatic clamp confirmation function/ Anti-bolus function / KVO function / Standby function / Auto power OFF function / Repeat alarm / Buzzer setting / Power supply switch notice / Key-lock function / Maintenance timer / History function / Alarm setting confirmation function			
Environmental Conditions	Ambient temperature: 10 ~ 40°C Relative humidity: 20 ~ 90% (Noncondensing) Atmospheric pressure: 70 ~ 106kPa			
Service Life	6 years (based on self certification using TOP corporation data) (Assuming inspection and maintenance are carried out as indicated and consumable parts are replaced as needed.)			
Classification	Class II / Internally Powered Equipment / Type CF / IPX2 / Continuous operation			
Dimensions	W180 x H113 x L202 mm			
Weight	Approx. 1.8kg (Including Clamp and Battery)			

* Essential performance : Critically affects the safety of patients if it is not operated according to specifications. (IEC 60601-2-24)

TOP Corporation

19-10 Senjunakai-cho, Adachi-ku, Tokyo 120-0035, Japan

Website : <http://top-tokyo.co.jp>