



TOP Syringe Pump TOP-5300

A standard syringe pump for an age of routine pump use.



TOP Syringe Pump

TOP-5300

Specifications

Description	TOP Syringe Pump
Model	TOP-5300
Power supply	AC power source: AC100 to 240V±10% 50/60Hz (approx.) External DC power source: DC12.7 to 15V (exact) Built-in battery: Rechargeable, DC12V 700mAh Ni-Cd Model: BP-53 Continuous operation: Approx. two hours (when a new battery is fully recharged with 5mL/h set)
Power consumption current	AC power source: 0.3A(approx.) External DC power source: 0.5A (exact)
Applicable syringes	10mL, 20mL, 30mL and 50mL syringes from 1) TOP, TERUMO, B-D or B.BRAUN 2) B-D, TERUMO, MONOJECT or B.BRAUN can be used (in the auto selection[*] mode, only the 50mL syringe can be used).
Flow range	0.1- 400.0mL/h (10mL syringe) 0.1- 700.0mL/h (20mL syringe) 0.1- 900.0mL/h (30mL syringe) 0.1-1500.0mL/h (50mL syringe) (Settings adjustable in 0.1 mL increments.)
Total infusion volume range	0.1-999.9mL
Infusion accuracy	Brand-specified mode Mechanical accuracy: ±1% Accuracy including the syringe: ±3% Auto selection[*] mode (Only 50mL syringes can be used.) Mechanical accuracy: ±1% Accuracy including the syringe: ±3% *Accuracy obtained when infusion is performed for over one hour at an infusion rate of 1.0mL/h or more.
Bolus rate	Approx. 400.0mL/h (10mL syringe) Approx. 700.0mL/h (20mL syringe) Approx. 900.0mL/h (30mL syringe) Approx. 1500.0mL/h (50mL syringe)
Occlusion detecting pressure	4-step selection Extra high: 119.7±40.0kPa/ 900±300mmHg/ 1.22±0.41kgf/cm ² High: 93.1±33.3kPa/ 700±250mmHg/ 0.95±0.34kgf/cm ² Middle: 66.5±26.7kPa/ 500±200mmHg/ 0.68±0.27kgf/cm ² Low: 39.9±20.0kPa/ 300±150mmHg/ 0.41±0.20kgf/cm ²
Alarm	Low volume (inactive in the auto selection[*] mode), occlusion, low battery, syringe barrel/ syringe plunger clamp disengaged, power source switch, remainder, CPU error.
Special functions	Auto power OFF: If the system is left in the halt state or alarm state for approximately three minutes, a buzzer sounds; If left another three minutes the power to the system is automatically shut off. Alarm repeat: If two minutes have elapsed without resetting the alarm after it is silenced, the alarm sounds again. Data memorize: Infusion rate set value/Total infusion volume storage setting is allowed. Buzzer setting: Presence/Absence of wait tone and operation tone can be specified. Power source switch alarm: Notifies by the alarm sound that power is no longer supplied from the AC or DC power source and the system has entered the battery operation mode.
Operating conditions	Ambient temperature: 10 to 40°C Relative humidity: 30 to 85% (no condensation) Atmospheric pressure: 70 to 106kPa
Storage conditions	Ambient temperature: -10 to 45°C Relative humidity: 10 to 90% (no condensation) Atmospheric pressure: 50 to 106kPa
Classification	Class I, Type CF, IPX1 (drip proof)
Fuse	T1A
External dimensions	Approx. 320(W)x116(H)x139(D)mm
Weight	Approx. 2.2kg
Accessories	AC power source cord 1/ Operation Guide 1

Options

Name of Article		Code number	
Pole clamp (attachable to poles with diameters 19-30mm)		13703	
External DC power source cord		13114	
Communication cable	D-SUB 9 pin, Male-D-SUB 25 pin, Male	3m	13115
		5m	13116
		10m	13117
	D-SUB 9 pin, Male-D-SUB 9 pin, Female	3m	13111
		5m	13112
		10m	13113

TOP Infusion Stand



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