



THE TOP IN QUALITY
for all areas of healthcare

TOP EN PUMP TOP-A600



Supports adequate management of enteral nutrition
by compact and easy to use pump.

Specifications

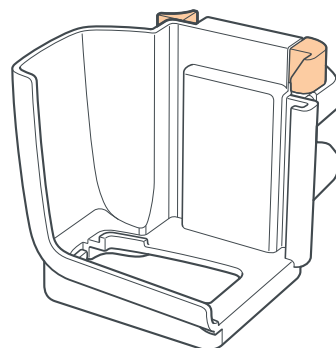
Name	TOP EN PUMP TOP-A600
Model	TOP-A600
Power Supply	AC adapter : model : TA212 input AC100-240V±10% 50/60Hz output DC12V Internal battery : Li-ion battery, Rechargeable, DC3.7V 2500mAh model : BP-A6L Battery life : Approx.24 hours (at flow rate of 100 mL/h using new battery in fully recharged state) Alkaline battery : Uses four LR6 type, AA size alkaline batteries DC 6V Battery life is approximately 24 hours (at flow rate of 100 mL/h using new alkaline batteries)
Current consumption	150mA
Applicable Feeding set	NEOFEE FEEDING SET for TOP EN PUMP
Flow Rate Range	5 - 400mL/h 1mL/h, 5mL/h, 10mL/h increments (Function mode switchable)
Volume Limit Setting	- - - - (not set), 1 - 9999mL 1mL increments
Total volume display range	0 - 9999mL 1mL increments
Feeding* Accuracy	±10% (Flow Rate / Volume Limit)
Purging	400mL/h or more (Continuous rotation)
Occlusion* Detection	Under 150kPa
Empty* detection	Can be set to any of four levels Em-0 : air in the feeding line volume is more than about 1mL (tube length about 25cm) Em-1 : air in the feeding line volume is more than about 2mL (tube length about 50cm) Em-2 : air in the feeding line volume is more than about 4mL (tube length about 100cm) Em-3 : air in the feeding line volume is more than about 6mL (tube length about 150cm)
Alarms / Alerts	Occlusion*, Empty*, Feeding set unmounted, Door, Reminder, Power supply switched, Low battery, Auto Power OFF, Battery unconnection, System error*, Feeding complete, Check the flow rate
Other function	Auto power OFF : If the system is left in stand-by state for approximately three minutes while it is operated from the internal power supply, the buzzer will sound. If left in this state for another three minutes, the power will be shut off automatically. Re-alarm function : If two minutes elapses without resetting the alarm after it was silenced, the alarm will sound again. Buzzer setting : Presence/Absence of wait tone and operation tone can be specified. Buzzer volume setting : Buzzer volume can be set. Buzzer tone setting : Buzzer tone can be set. Maintenance timer : Number of days to periodic maintenance can be set. History : Power supply ON/OFF, Feeding start/stop, and the type of alarm that has occurred are stored. The then date, time, flow rate, total volume and AC adapter connection state are also stored. History data can be outputted by using an optional communication tool. Maintenance mode : Set mounting detection, empty detection, flow rate accuracy and occlusion detection can be inspected. Flow rate presetting : Frequently used flow rate can be registered. Standby : The Remainder alarm can be temporarily reset. Key lock : During feeding, places the system in the Key Lock state. Volume limit setting mode : Setting the volume limit allows feeding to be stopped with the feeding completion alarm. Door open/close state supervision : The door indicator is illuminated while the door is open and unlit while the door is closed.
Operating conditions	Ambient temperature : 5 - 40°C Relative humidity : 20 - 90% (Noncondensing) Atmospheric pressure : 70 - 106kPa
Transportation and storage condition	Ambient temperature : -10 - 45°C Relative humidity : 10 - 90% (Noncondensing) Atmospheric pressure : 50 - 106kPa
Service life	Six 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.)
Class	Class II □ and internally powered equipment, Type BF, IPX2 (Drip proof)
Dimensions	100 (W) × 150 (H) × 50 (D) mm
Weight	Approx. 0.6kg
Accessories	AC adapter 1 Operation Guide 1
Material used	Case : ABS(Acrylonitrile Butadiene Styrene) Lever : POM (Polyacetal) resin Tube clamp : Stainless steel Pump finger : POM (Polyacetal) resin Empty sensor : Polycarbonate Operation panel : Polyester film

* Essential performance: Critically affects the safety of patients if it is not operated according to specifications. (IEC / EN 60601-1-2)

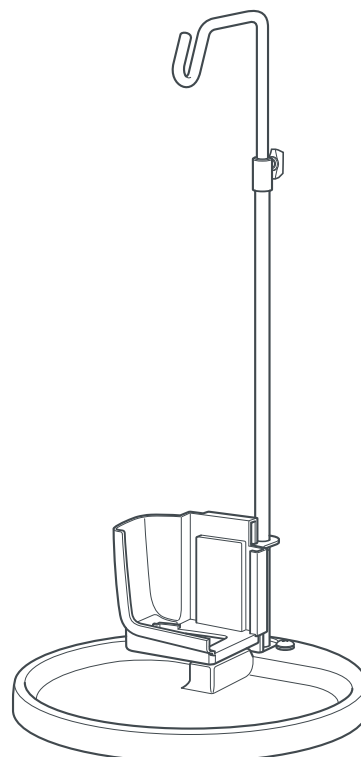
Options

TOP POLE CLAMP TYPE A6

It is the pedestal for attaching the pump to the I.V. stand.



NEOFEE EN STAND for TOP-A600



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