



TOP Infusion Pump TOP-3300

**Visual confirmation is now easier
than ever.**



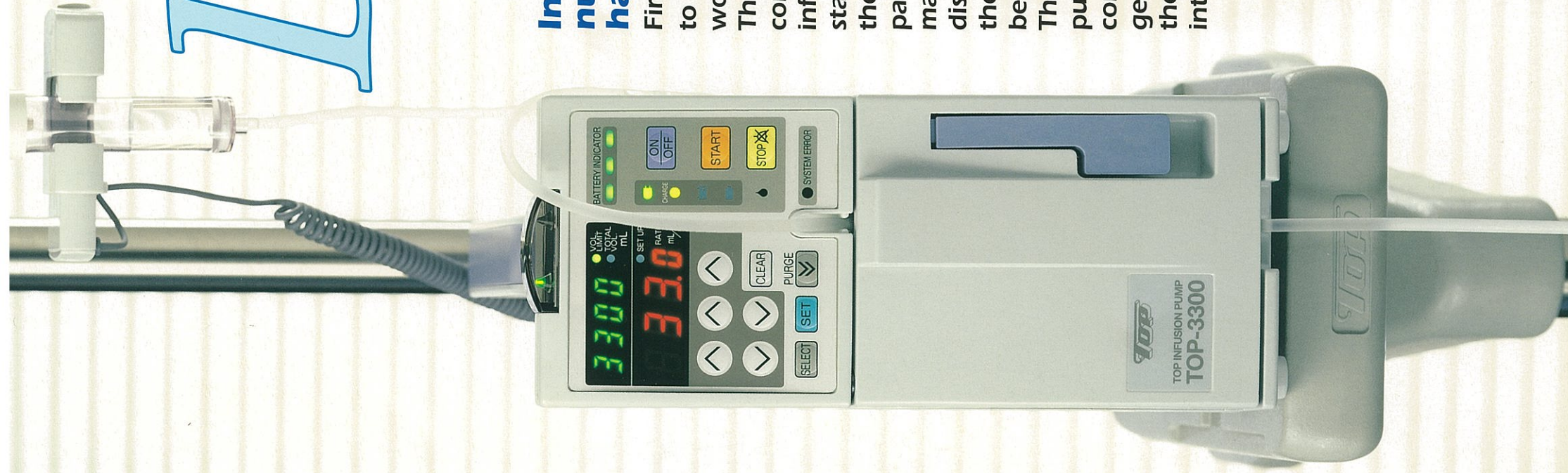
Day ..

In the busy world of nursing, information has to be prioritized.

First and foremost, one needs to know whether the pump is working properly.

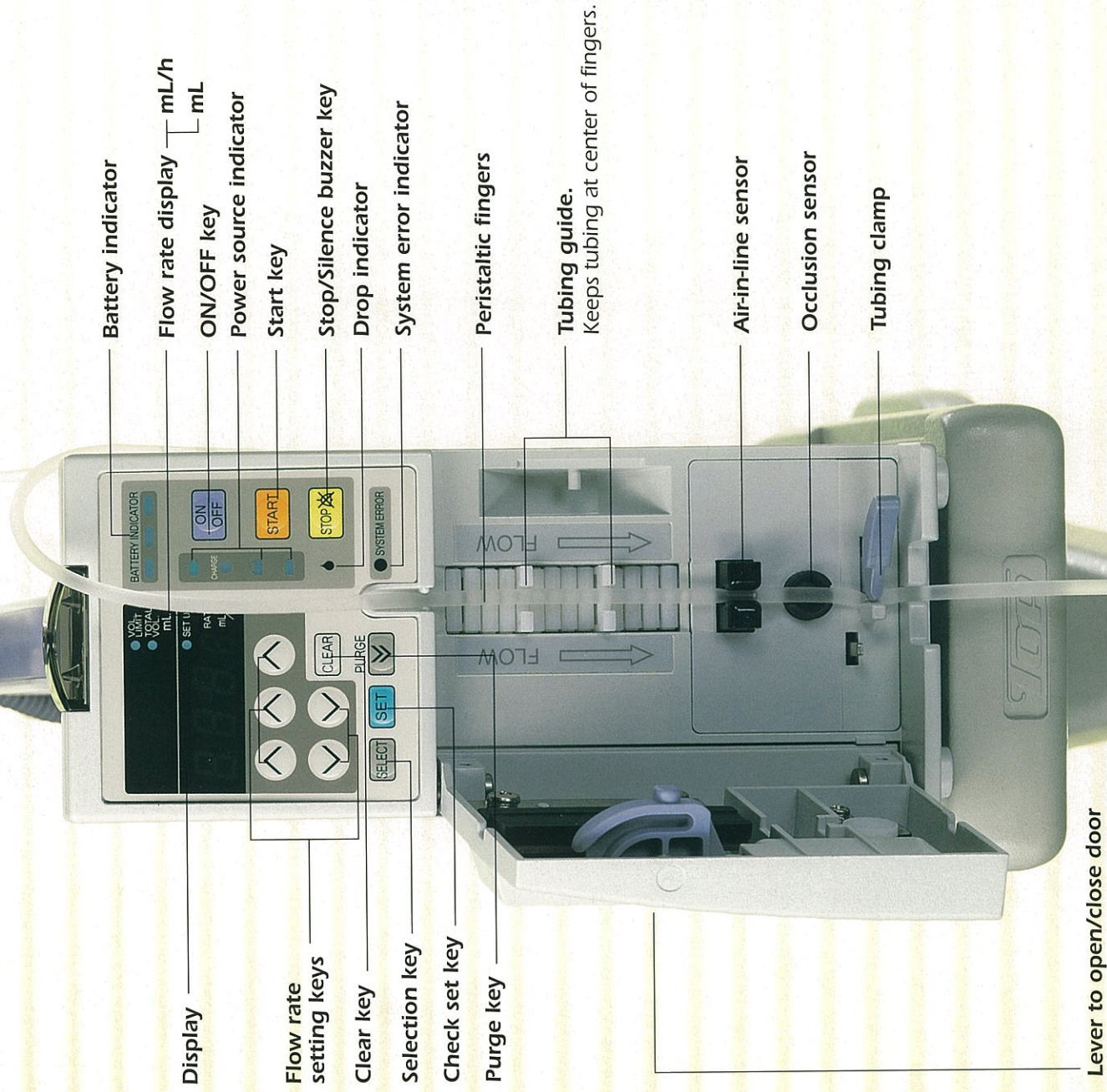
The TOP-3300 continuously conveys this crucial bit of information with the lighted status indicators provided at the top of the unit. Also, the panel face is inclined upward, making it possible to check the display and work the keys on the panel without having to bend over.

The TOP-3300—a new infusion pump which fully meets the conditions of use even on general hospital wards, where the level of care cannot be as intensive.



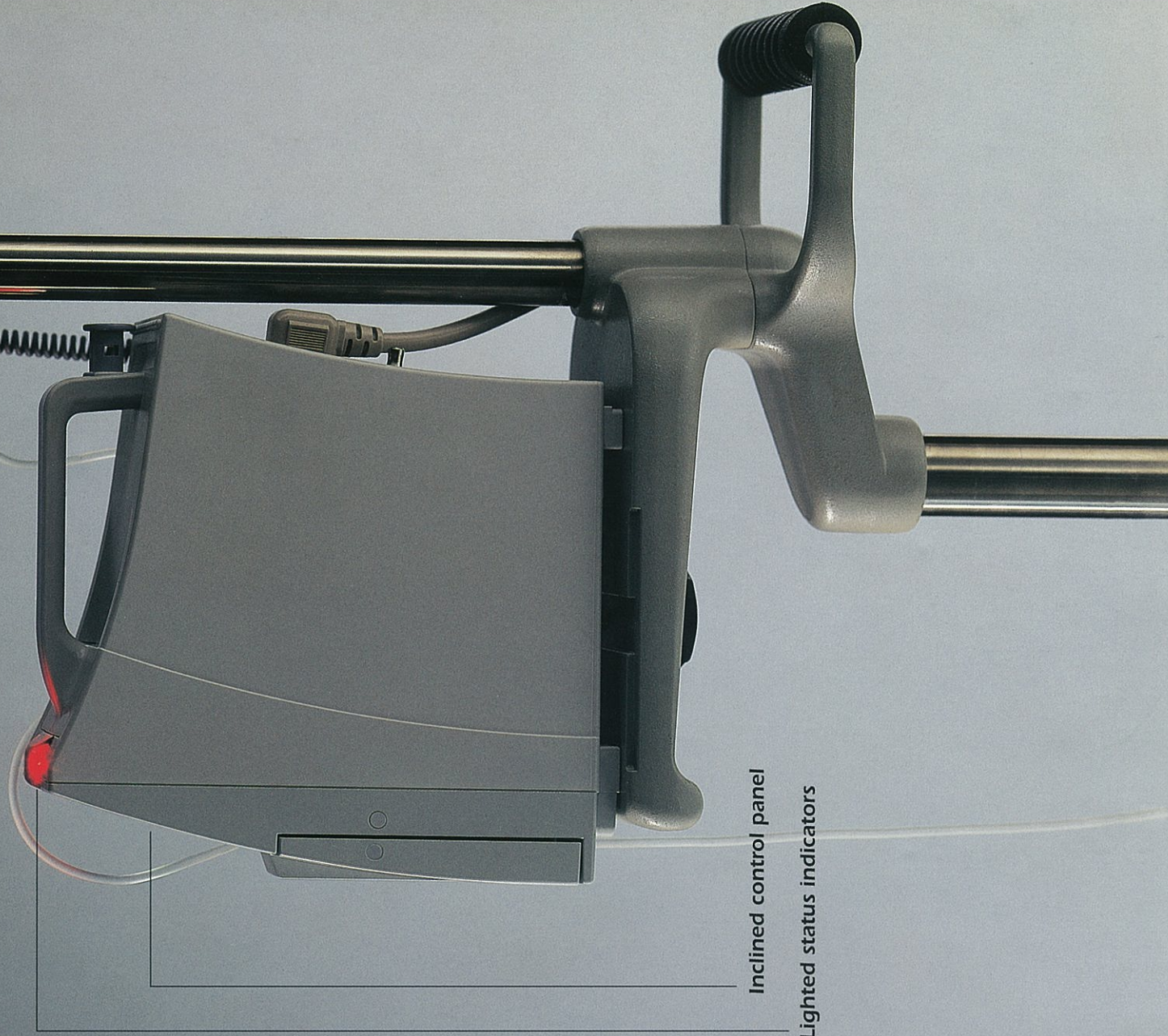
after Day

Drop sensor.
Controls drip rate of IV fluid,
and detects irregularities in drop count.



and Night

This infusion pump reports its operating status 24 hours a day.



Inclined control panel

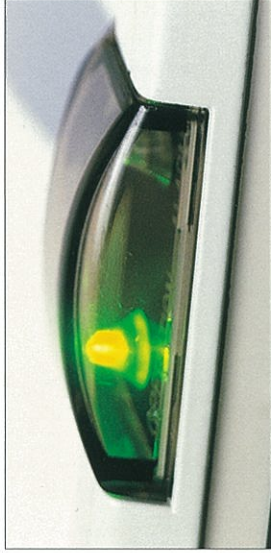
Lighted status indicators

TOP Infusion Pump

TOP-3300

Lighted Status Indicators

LED status indicators at the top of the unit allow the pump operating status to be checked even from the back of the unit or at a distance.



Inclined Panel for Easy Visual Confirmation

Control panel is inclined upward, making it easy to check the display and allowing for smooth key operation from a standing position.

Broad Range of Delivery Rate Settings

The delivery rate can be set up to a maximum of 999 mL/h (for infusion in the H mode using a TOP IV set, H series), and can be adjusted in 0.1 mL/h increments up to 99.9 mL/h.

Convenient Battery Indicator

A 3-level indicator displays the charging status and remaining capacity of the internal battery, so that the operator knows when to get spare batteries or switch over to AC power.

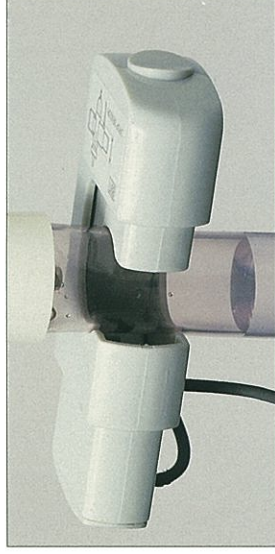


Battery Replacement is Easy

The batteries can be easily replaced simply by opening the battery cover at the bottom of the unit.

Improved Drop Sensor

The drop sensor which monitors drip infusion has been upgraded to a thinner design than in earlier TOP infusion pumps, enabling drops to be counted correctly even when the sensor is tilted at up to 20 degrees.



Occlusion Alarm-Triggering Pressure is Adjustable

The load pressure detection level for alerting the user to occlusion of the infusion line can be switched as required.

Memory Function

When the power is turned off, the unit stores and retains the most recent delivery rate, volume limit, and total volume infused.

Clears EMC Standards

The pump conforms to EU standards for electromagnetic compatibility (EMC), which require that devices not be affected by electromagnetic fields from external sources and not emit electromagnetic waves sufficient to affect the operation of other electronic devices.

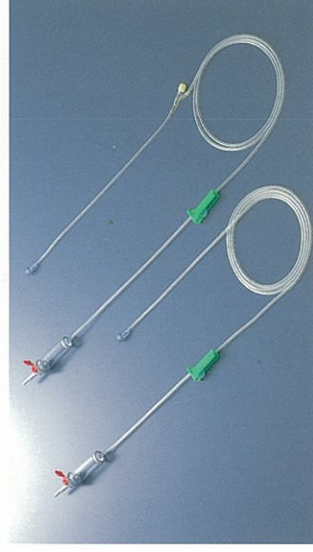
TOP Infusion Pump TOP-3300

Specifications

Description	TOP Infusion Pump
Model	TOP-3300
Pump type	Peristaltic finger
Applicable IV sets	TOP IV sets H-Series (TOP-H) for infusion pumps, and other standard IV sets (15, 19, 20, and 60 drops/mL)
Flow rate	1.0-999mL/h (TOP-H series dedicated IV set) 1.0-400mL/h (standard 15 drops/mL IV set) 1.0-380mL/h (standard 19 drops/mL IV set) 1.0-360mL/h (standard 20 drops/mL IV set) 1.0-150mL/h (standard 60 drops/mL IV set) 1.0 to 99.9mL/h, in 0.1mL/h increments; above 100mL/h, in 1mL/h increments
Volume limit range	1 to 9,999mL, in 1mL increments
Infusion accuracy	±5% when TOP-H sets are used ±10% when other common IV sets are used
Alarms	Empty container, Occlusion, Door open, Air-in-line, Low battery, Infusion complete, Power source switched, Drop sensor connection, Unregulated flow, and other device malfunctions
Air bubble detection	Can be set to any of 3 levels, 50µL, 0.1mL/15min, 1mL/15min
Occlusion detection pressure	Can be set to any of 4 levels when TOP-H sets are used: P1-3: ≤160.0 kPa (≤1,200 mmHg/≤1.63 kgf/cm ²) P1-2: ≤120.0 kPa (≤900 mmHg/≤1.22 kgf/cm ²) P1-1: ≤80.0 kPa (≤600 mmHg/≤0.82 kgf/cm ²) P1-0: ≤40.0 kPa (≤300 mmHg/≤0.41 kgf/cm ²) Can be set to either of 2 levels when other common IV sets are used: P2-1: ≤160.0 kPa (≤1,200 mmHg/≤1.63 kgf/cm ²) P2-0: ≤80.0 kPa (≤600 mmHg/≤0.82 kgf/cm ²)
Special functions	Keep Vein Open(KVO): After the programmed infusion volume has been delivered, infusion is continued at a minimal rate to prevent clot formation. Automatic shutoff: When the infusion pump is operating on battery power and has been left for 3 minutes with the infusion stopped or in an alarm state, the buzzer sounds. After the buzzer has been left sounding for 3 minutes, the power turns off automatically to conserve the battery. Alarm repeat: Unless the cause of an alarm is corrected within 2 minutes after the operator has pressed the "silence" buzzer key, the buzzer will sound again to remind the operator of the problem. Data memorize function: Retains the most recent flow rate, volume limit or total volume infused for the next use. Sound setting: Audible indication of standby and infusion in progress can be turned on or off. Power source switch alarm: An alarm sounds when AC power supply has stopped and the unit has switched over to battery operation.
Operating conditions	Ambient temperature: +5 to 40°C Humidity: 20 to 90% (no condensation) Pressure: 70 to 106 kPa
Storage conditions	Ambient temperature: -10 to 45°C Humidity: 10 to 90% (no condensation) Pressure: 50 to 106 kPa
Power source	AC 100-240V ±10%, 50/60 Hz Internal battery: Rechargeable DC 12V, 700 mAh, Ni-Cd (Type BP-53). Battery life is approx. 2 hours when using a new, fully charged battery at a fluid delivery rate of 25 mL/h. External DC power supply: DC 12.7 to 15 V (external power cord optional)
Input current	AC power supply: ≤0.3 A ~ External DC power supply: ≤0.7 A ~
Classification	Class I and Internally powered equipment, Type CF, IPX1 (drip-proof)
Fuse	T1A
Dimensions	90(W)X216(H)X209(D)mm
Weight	Approx. 2.6kg
Accessories	AC power cord, drop sensor, Operation guide
Options	Custom stand for TOP infusion pumps/Multiple pump stand/Multiple connection cable/ Pole clamp/External DC power cord/Nurse call cable/External communication cable

TOP IV Sets H-series

TOP IV sets H-series have been designed specifically for use with TOP infusion pumps. The tubing inner diameter has been held to a closer tolerance than in general-use TOP IV sets and the tubing itself is made of a highly resilient material, enabling very stable infusion with TOP infusion pumps.

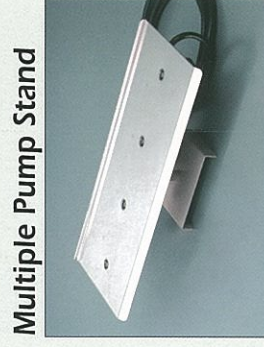


Distributor:



TOP Corporation

1-9-10 Serjunakai-cho, Adachi-ku, Tokyo 120-0035, Japan
Tel: 81 (Japan)-3-3882-3101 Fax: 81 (Japan)-3-3881-8163



Multiple Pump Stand

TOP Infusion Stand

