



TOP INFUSION PUMP TOP-2300

Easy to use and fully-featured in a compact body. That vision is now a reality.



Specifications

Model TOP-200 ToP-20	News	TOD infusion numb
ACCURATION ACC	Name Model	TOP infusion pump TOP-2300
External DC Dower supply: 15V±10%	.110401	
Model: BP-23		External DC power supply : 15V±10%
Battery Iffe : Approx. 4 hours When a new battery is fully charged with 25mL/h set) Applicable IV sets	Power supply	
Applicable IV sets		Battery life: Approx. 4 hours
Applicable IV sets		
Place	Input current	1 112
1 - 999mL/h	Applicable IV sets	
1 - 300mL/h (20 drops/mL standard IV set)		mL/h (1mL/h increments)
Test		(
drops/min (1drops/h increments)		(
1-333 drops /min. (TOP-H series IV set) 1-30 drops /min. 1-100 drops /min. (20 drops/mL standard IV set) 1-100 drops /min. (20 drops/mL standard IV set) (60 drops/mL standard IV set) (60 drops/mL standard IV set) (70 drops/mL standard		7
Micro mode (0.1mL/h increments)	Flow rate range	1 - 333 drops /min. (TOP-H series IV set)
Micro mode (0.1mL/h increments) 0.1 - 99.9mL/h (TOP-H series IV set) Maximum flow rate of IV set used Mormal mode : 1 - 10mL/h (1mL/h increments) Micro mode : 0.1mL/h(When having set below to 0.9mL/h) Normal mode : 1 - 1999.mL (0.1mL increments) Micro mode : 0.1 - 999.mL (0.1mL increments) Micro mode : 0.1 - 999.mL (0.1mL increments) Micro mode : 0.0 - 999.mL (0.1mL increments) Micro mode : Selecting TOP-H series IV set : ±5% Selecting TOP-H series IV set : ±10% Micro mode : Selecting TOP-H series IV set : ±10% Micro mode : Selecting TOP-H series IV set : ±10% Micro mode : Selecting TOP-H series IV set : ±10% Micro mode : Selecting TOP-H series IV set : ±10% Micro mode : Selecting TOP-H series IV set : ±10% Micro mode : Selecting TOP-H series IV set : ±10% Micro mode : Selecting TOP-H series IV set : ±10% Micro mode : Selecting TOP-H series IV set : ±10% Micro mode : Selecting TOP-H series IV set : ±10% Micro mode : Selecting TOP-H series IV set : ±10% Micro mode : Selecting TOP-H series IV set : ±10% Micro mode : Selecting TOP-H series IV set : ±10% Micro mode : Selecting Selectin	_	
O.1 - 99.9mL/n (TOP-H series IV set)		
Normal mode : 1 - 10mL/n (ImL/n increments)		
Volume limit range Micro mode : 0.1mL/h(When having set below to 0.9mL/h) Volume limit range Normal mode : 1 - 9999mL (1mL increments) Micro mode : 0.1 - 999.9mL (0.1mL increments) Normal mode : 0.999.9mL (1mL increments) Micro mode : 0.0 - 999.9mL (1mL increments) Micro mode : 0.0 - 999.9mL (0.1mL increments) Morphylic (1mL) Normal mode : 0.0 - 999.9mL (0.1mL increments) Selecting TOP-H series IV set : ±10% (Selecting 20 drops/mL, 60 drops/mL, 50 drops/mL standard IV set) *Occlusion detection pressure 4 steps selection (Selecting 20 drops/mL, 60 drops/mL standard IV set) P13 : High price in the flow rate is 0.9mL/h or less, the equipment operates by "P10". 2 steps selection (Selecting 20 drops/mL, 60 drops/mL standard IV set) *Air-in-line detection sensitivity 4 steps selection (Selecting 20 drops/mL, 60 drops/mL standard IV set) *Air-in-line detection sensitivity 4 steps selection (Selecting 20 drops/mL, 60 drops/mL standard IV set) *Air-in-line detection sensitivity 4 steps selection (Selecting 20 drops/mL, 60 drops/mL standard IV set) *Air-in-line detection sensitivity 4 steps selection (Selecting 20 drops/mL, 60 drops/mL standard IV set) *Air-in-line detection sensitivity<	Purge flow rate	
Total volume limit range Total volume Micro mode : 0.1 - 999.9ml. (1.ml. increments) Micro mode : 0.1 - 999.9ml. (0.1ml. increments) Micro mode : 0.0 - 999.9ml. (0.1ml. increments) Micro mode : 0.0 - 999.9ml. (0.1ml. increments) Micro mode : 0.0 - 999.9ml. (0.1ml. increments) Micro mode Selecting TOP-H series IV set : ±10% Micro mode Selecting TOP-H series IV set : ±10% Selecting TOP-H series IV set : ±10% Micro mode Selecting TOP-H series IV set Selecting T		
Total volume range Micro mode : 0.1 - 999.9mL (1mL increments) Normal mode : 0 - 999.9mL (1mL increments) Normal mode : 0 - 999.9mL (0.1mL increments) Normal mode : 0.999.9mL (0.1mL increments) Normal mode Selecting 20 drops/mL, 60 drops/mL standard IV set : ±10% Micro mode Selecting TOP-H series IV set : ±5% Selecting 20 drops/mL, 60 drops/mL standard IV set : ±10% Micro mode Selecting TOP-H series IV set : ±10% Accuracy # Accuracy # Accuracy # Asteps selection (Selecting TOP-H series IV set) # 4 steps selection (Selecting TOP-H series IV set) # 13 : High		
**Rocuracy		
*Accuracy March	Total volume	
*Accuracy Maintenance Selecting TOP-H series V set : ±5%	range	
#Accuracy Mair		
Selecting TOP-H series IV set:		
*Air-in-line detection sensitivity Alarm / Warning Alarm / Warning *Special features Special features Special features Special features Special features Special features Special features *Special features Air-in-graffs	*Accuracy	Wild thous
# Air-in-line detection sensitivity # Alarm / Warning Alarm / Warning Special features # Coclusion detections Alarm / Warning # Coclusion detection	7.000.00	
*Occlusion detection pressure *Occlusion detection pressure *Air-in-line detection sensitivity *Alarm / Warning Alarm / Warning *Alarm / Marning *Alar		±10%(Setting 0.1~0.9mL/h)
*Air-in-line detection sensitivity *Approx. 50LL Ar1: Medium Approx. 50LL Ar2: Low Approx. 50LL Ar1: Medium Approx. 0.1mL / 15 minutes *Air-in-line detection sensitivity *Air-in-line sensitivity *Air-in-line sensitivity *Air-in-line sensitivity *Air-in-line sensitivity *Air-in-line sensitivity *Air-in-line		
P12 : Medium		· · · · · · · · · · · · · · · · · · ·
P11: Low Under 80kPa (Under 600mmHg) P10: Minimum Under 40kPa (Under 300mmHg) When the flow rate is 0.9mm/h or less, the equipment operates by "P10". 2 steps selection (Selecting 20 drops/mL, 60 drops/mL standard IV set) P21: High Under 150kPa (Under 1100mmHg) P20: Low Under 80kPa (Under 600mmHg) 3 steps selection Ar0: High Approx. 50uL Ar1: Medium Approx. 0.1mL / 15 minutes Ar2: Low Approx. 1mL / 15 minutes Ar2: Low Approx. 1mL / 15 minutes When the flow rate is 10mL/h or less, the equipment operates by "Ar1" even if set as "Ar2". *Air-in-line, Empty container, *Flow error, *Free flow, *IV set error, *Occlusion, Low battery, Auto Power OFF, Battery connection, Battery malfunction, Door open, Drop sensor, Reminder, Check setting, Infusion complete, Power supply switched, *System error KVO : After programmed infusion volume has been delivered, infusion is continued at KVO flow rate to prevent clot formation. Auto power OFF : If the system is left in stand-by state for approximately three minutes while it is operated from the internal battery, the buzzer will sound. If left in this state for another three minutes, the power will be shut off automatically. Repeat alarm : If two minutes elapses without resetting the alarm after it was silenced, the alarm will sound again. Data storage setting : Flow rate set, volume limit / Total volume can be stored. Power supply switched : The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock : During infusion, places the system in the Key Lock state. History : History of pump operation can be checked when infusion started and stopped. Maintenance timer infusion itemer indicator illuminates, when the setting day has passed. Battery refresh : To refresh the internal battery.		
When the flow rate is 0.9mL/h or less, the equipment operates by "P10". 2 steps selection (Selecting 20 drops/mL, 60 drops/mL standard IV set) P21 : High	detection	P11 : Low Under 80kPa (Under 600mmHg)
2 steps selection (Selecting 20 drops/mL, 60 drops/mL standard IV set) P21 : High Under 150kPa (Under 1100mmHg) P20 : Low Under 80kPa (Under 600mmHg) 3 steps selection Ar0 : High Approx. 50uL Ar1 : Medium Approx. 0.1mL / 15 minutes Ar2 : Low Approx. 1mL / 15 minutes Ar2 : Low Approx. 1mL / 15 minutes Ar3 : High Approx. 1mL / 15 minutes Ar4 : Nedium Approx. 0.1mL / 15 minutes Ar4 : Nedium Approx. 1mL / 15 minutes Ar5 : Low Approx. 1mL / 15 minutes Ar6 : Low Approx. 1mL / 15 minutes Ar7 : Vernifest as "Ar2". * Air-in-line, Empty container, * Flow error, * Free flow, * IV set error, * Occlusion, Low battery, Auto Power OFF, Battery connection, Battery malfunction, Door open, Drop sensor, Reminder, Check setting, Infusion complete, Power supply switched, * System error KVO : After programmed infusion volume has been delivered, infusion is continued at KVO flow rate to prevent clot formation. Auto power OFF : If the system is left in stand-by state for approximately three minutes while it is operated from the internal battery, the buzzer will sound. If left in this state for another three minutes, the power will be shut off automatically. Repeat alarm : If two minutes elapses without resetting the alarm after it was silenced, the alarm will sound again. Data storage setting : Flow rate set, volume limit / Total volume can be stored. Buzzer setting : Presence/Absence of wait tone and operation tone can be specified. Power supply switched : The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock : During infusion, places the system in the Key Lock state. History : History of pump operation can be checked when infusion started and stopped. Maintenance timer indicator illuminates, when the setting day has passed. Battery refresh : To refresh the internal battery.		
P21 : High Under 150kPa (Under 1100mmHg) P20 : Low Under 80kPa (Under 600mmHg) 3 steps selection Ar0 : High Approx. 50uL Ar1 : Medium Approx. 0.1mL / 15 minutes Ar2 : Low Approx. 1mL / 15 minutes Ar2 : Low Approx. 1mL / 15 minutes Ar3 : Medium Approx. 0.1mL / 15 minutes Ar4 : even if set as "Ar2". *Air-in-line, Empty container, *Flow error, *Free flow, *IV set error, *Occlusion, Low battery, Auto Power OFF, Battery connection, Battery malfunction, Door open, Drop sensor, Reminder, Check setting, Infusion complete, Power supply switched, *System error KVO : After programmed infusion volume has been delivered, infusion is continued at KVO flow rate to prevent clot formation. Auto power OFF : If the system is left in stand-by state for approximately three minutes while it is operated from the internal battery, the buzzer will sound. If left in this state for another three minutes, the power will be shut off automatically. Repeat alarm : If two minutes elapses without resetting the alarm after it was silenced, the alarm will sound again. Data storage setting : Flow rate set, volume limit / Total volume can be stored. Buzzer setting : Flow rate set, volume limit / Total volume can be stored. : Presence/Absence of wait tone and operation tone can be specified. Power supply switched : The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock : During infusion, places the system in the Key Lock state. History : History of pump operation can be checked when infusion started and stopped. : Maintenance timer indicator illuminates, when the setting day has passed. Battery refresh : To refresh the internal battery.		
*Air-in-line detection sensitivity Ar0: High Approx. 50uL Ar1: Medium Approx. 0.1mL / 15 minutes Ar2: Low Approx. 1mL / 15 minutes When the flow rate is 10mL/h or less, the equipment operates by "Ar1" even if set as "Ar2". *Air-in-line, Empty container, *Flow error, *Free flow, *IV set error, *Occlusion, Low battery, Auto Power OFF, Battery connection, Battery malfunction, Door open, Drop sensor, Reminder, Check setting, Infusion complete, Power supply switched, *System error KVO : After programmed infusion volume has been delivered, infusion is continued at KVO flow rate to prevent clot formation. Auto power OFF: If the system is left in stand-by state for approximately three minutes while it is operated from the internal battery, the buzzer will sound. If left in this state for another three minutes, the power will be shut off automatically. Repeat alarm: If two minutes elapses without resetting the alarm after it was silenced, the alarm will sound again. Data storage setting: Flow rate set, volume limit / Total volume can be stored. Power supply switched: The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock: During infusion, places the system in the Key Lock state. History: History of pump operation can be checked when infusion started and stopped. Maintenance timer indicator illuminates, when the setting day has passed. Battery refresh: To refresh the internal battery.		P21 : High Under 150kPa (Under 1100mmHg)
*Air-in-line detection sensitivity Ar0 : High Approx. 5.0 LL Ar1 : Medium Aprox. 0.1 mL / 15 minutes Ar2 : Low Approx. 1 mL / 15 minutes When the flow rate is 10 mL/h or less, the equipment operates by "Ar1" even if set as "Ar2". *Air-in-line, Empty container, *Flow error, *Free flow, *IV set error, *Occlusion, Low battery, Auto Power OFF, Battery connection, Battery malfunction, Door open, Drop sensor, Reminder, Check setting, Infusion complete, Power supply switched, *System error KVO : After programmed infusion volume has been delivered, infusion is continued at KVO flow rate to prevent clot formation. Auto power OFF : If the system is left in stand-by state for approximately three minutes while it is operated from the internal battery, the buzzer will sound. If left in this state for another three minutes, the power will be shut off automatically. Repeat alarm : If two minutes elapses without resetting the alarm after it was silenced, the alarm will sound again. Data storage setting Buzzer setting: Flow rate set, volume limit / Total volume can be stored. Power supply switched: The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock : During infusion, places the system in the Key Lock state. History : History of pump operation can be checked when infusion started and stopped. Maintenance timer inflicator illuminates, when the setting day has passed. Battery refresh : To refresh the internal battery.		3,
Alarm / Warning Ar1 : Medium Approx. 0.1mL / 15 minutes Ar2 : Low Approx. 1mL / 15 minutes Appr		·
Ar2 : Low Approx. 1mL / 15 minutes When the flow rate is 10mL/h or less, the equipment operates by "Ar1" even if set as "Ar2". * Air-in-line, Empty container, * Flow error, * Free flow, * IV set error,		Ar1 : Medium Approx. 0.1mL / 15 minutes
when the flow rate is TumbL/no riess, the equipment operates by "Art" even if set as "Ar2". *Air-in-line, Empty container, *Flow error, *Free flow, *IV set error, *Occlusion, Low battery, Auto Power OFF, Battery connection, Battery malfunction, Door open, Drop sensor, Reminder, Check setting, Infusion complete, Power supply switched, *System error KVO : After programmed infusion volume has been delivered, infusion is continued at KVO flow rate to prevent dot formation. Auto power OFF : If the system is left in stand-by state for approximately three minutes while it is operated from the internal battery, the buzzer will sound. If left in this state for another three minutes, the power will be shut off automatically. Repeat alarm : If two minutes elapses without resetting the alarm after it was silenced, the alarm will sound again. Data storage setting : Flow rate set, volume limit / Total volume can be stored. Buzzer setting : Presence/Absence of wait tone and operation tone can be specified. Power supply switched : The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock : During infusion, places the system in the Key Lock state. History : History of pump operation can be checked when infusion started and stopped. Maintenance timer infusion internal battery.		Ar2 : Low Approx. 1mL / 15 minutes
*Air-in-line, Empty container, *Flow error, *Free flow, *IV set error, *Occlusion, Low battery, Auto Power OFF, Battery connection, Battery malfunction, Door open, Drop sensor, Reminder, Check setting, Infusion complete, Power supply switched, *System error KVO : After programmed infusion volume has been delivered, infusion is continued at KVO flow rate to prevent dot formation. Auto power OFF : If the system is left in stand-by state for approximately three minutes while it is operated from the internal battery, the buzzer will sound. If left in this state for another three minutes, the power will be shut off automatically. Repeat alarm : If two minutes elapses without resetting the alarm after it was silenced, the alarm will sound again. Data storage setting : Flow rate set, volume limit / Total volume can be stored. Buzzer setting : Presence/Absence of wait tone and operation tone can be specified. Power supply switched : The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock : During infusion, places the system in the Key Lock state. History : History of pump operation can be checked when infusion started and stopped. Maintenance timer infusion is tarted and stopped. Battery refresh : To refresh the internal battery.		
**Occlusion, Low battery, Auto Power OFF, Battery connection, Battery malfunction, Door open, Drop sensor, Reminder, Check setting, Infusion complete, Power supply switched, **System error KVO : After programmed infusion volume has been delivered, infusion is continued at KVO flow rate to prevent clot formation. Auto power OFF : If the system is left in stand-by state for approximately three minutes while it is operated from the internal battery, the buzzer will sound. If left in this state for another three minutes, the power will be shut off automatically. Repeat alarm : If two minutes elapses without resetting the alarm after it was silenced, the alarm will sound again. Data storage setting : Flow rate set, volume limit / Total volume can be stored. Buzzer setting : Presence/Absence of wait tone and operation tone can be specified. Power supply switched : The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock : During infusion, places the system in the Key Lock state. History : History of pump operation can be checked when infusion started and stopped. Maintenance timer infusion is tarted and stopped. Battery refresh : To refresh the internal battery.		*Air-in-line, Empty container, *Flow error, *Free flow, *IV set error,
Repeat alarm Special features	Alarm / Warning	
KVO : After programmed infusion volume has been delivered, infusion is continued at KVO flow rate to prevent clot formation. Auto power OFF : If the system is left in stand-by state for approximately three minutes while it is operated from the internal battery, the buzzer will sound. If left in this state for another three minutes, the power will be shut off automatically. Repeat alarm : If two minutes elapses without resetting the alarm after it was silenced, the alarm will sound again. Data storage setting : Flow rate set, volume limit / Total volume can be stored. Buzzer setting : Presence/Absence of wait tone and operation tone can be specified. Power supply switched : The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock : During infusion, places the system in the Key Lock state. History : History of pump operation can be checked when infusion started and stopped. Maintenance timer infusion is the first minute of the setting day has passed. Battery refresh : To refresh the internal battery.		
Auto power OFF Prevent clot formation. If the system is left in stand-by state for approximately three minutes while it is operated from the internal battery, the buzzer will sound. If left in this state for another three minutes, the power will be shut off automatically. Repeat alarm If two minutes elapses without resetting the alarm after it was silenced, the alarm will sound again. Data storage setting Presence/Absence of wait tone and operation tone can be specified. Power supply switched : The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Evy-lock During infusion, places the system in the Key Lock state. History History of pump operation can be checked when infusion started and stopped. Maintenance timer infusion started and stopped. Maintenance timer infusion started and stopped. Maintenance timer infusion started and stopped. States when the setting day has passed. Battery refresh To refresh the internal battery.		
Auto power OFF : İf the system is left in stand-by state for approximately three minutes while it is operated from the internal battery, the buzzer will sound. If left in this state for another three minutes, the power will be shut off automatically. Repeat alarm : If two minutes elapses without resetting the alarm after it was silenced, the alarm will sound again. Data storage setting : Flow rate set, volume limit / Total volume can be stored. Buzzer setting : Presence/Absence of wait tone and operation tone can be specified. Power supply switched : The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock : During infusion, places the system in the Key Lock state. History : History of pump operation can be checked when infusion started and stopped. Maintenance timer indicator illuminates, when the setting day has passed. Battery refresh : To refresh the internal battery.	Special features	
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Repeat alarm		approximately three minutes while it is operated
Power will be shut off automatically. Repeat alarm : If two minutes elapses without resting the alarm after it was silenced, the alarm will sound again. Data storage setting : Flow rate set, volume limit / Total volume can be stored. Buzzer setting : Flow rate set, volume limit / Total volume can be stored. Buzzer setting : Presence/Absence of wait tone and operation tone can be specified. Power supply switched : The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock : During infusion, places the system in the Key Lock state. History : History of pump operation can be checked when infusion started and stopped. Maintenance timer infusion infusion infusion infusion infusion infusion started and stopped. Battery refresh : To refresh the internal battery.		
After it was silenced, the alarm will sound again. Data storage setting: Frow rate set, volume limit / Total volume can be stored. Buzzer setting: Presence/Absence of wait tone and operation tone can be specified. Power supply switched: The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock: During infusion, places the system in the Key Lock state. History: History of pump operation can be checked when infusion started and stopped. Maintenance timer infusion dicator illuminates, when the setting day has passed. Battery refresh: To refresh the internal battery.		power will be shut off automatically.
Data storage setting: Flow rate set, volume limit / Total volume can be stored. Buzzer setting: Presence/Absence of wait tone and operation tone can be specified. Power supply switched: The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock: During infusion, places the system in the Key Lock state. History: History of pump operation can be checked when infusion started and stopped. Maintenance timer: Maintenance timer indicator illuminates, when the setting day has passed. Battery refresh: To refresh the internal battery.		
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Power supply switched: The system has entered the build in battery operation mode when power is no longer supplied from the AC / DC power source. Key-lock: During infusion, places the system in the Key Lock state. History: History of pump operation can be checked when infusion started and stopped. Maintenance timer: Maintenance timer indicator illuminates, when the setting day has passed. Battery refresh: To refresh the internal battery.		
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Key-lock : During infusion, places the system in the Key Lock state. History : History of pump operation can be checked when infusion started and stopped. Maintenance timer indicator illuminates, when the setting day has passed. Battery refresh : To refresh the internal battery.		
History : History of pump operation can be checked when infusion started and stopped. Maintenance timer : Maintenance timer indicator illuminates, when the setting day has passed. Battery refresh : To refresh the internal battery.		Key-lock : During infusion, places the system in the Key Lock
infusion started and stopped. Maintenance timer : Maintenance timer indicator illuminates, when the setting day has passed. Battery refresh: To refresh the internal battery.		
setting day has passed. Battery refresh : To refresh the internal battery.		infusion started and stopped.
Battery refresh : To refresh the internal battery.		
Nurse call : When any alarm occurs, the nurse call signal is output.		Battery refresh : To refresh the internal battery.
		Nurse call : When any alarm occurs, the nurse call signal is output.

Operating conditions	Ambient temperature : 5 - 40°C (While charging the internal battery: 5 - 30°C) Relative humidity : 20 - 90% (Noncondernsing) Atmospheric pressure : 70 - 106kPa
Transportation and storage condition	Ambient temperature: -10 - 40°C Relative humidity : 10 - 90% (Noncondernsing) 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.)
Classification	Class I ☐ and internally powered equipment, Type CF ♥, IPX1 (Drip proof)
Dimensions	84(W) × 190(H) × 185(D)mm
Weight	Approx. 2.0kg
Accessories	AC power cable × 1 Drop sensor × 1 Operation Guide × 1
Material used	Case : ABS*1 Handle : ABS*1 Occlusion sensor : Glass fiber-forced PBT*2 Air-in-line sensor : Polycarbonate Door handle : Glass fiber-reinforced Nylon Clamp Lever : Glass fiber-reinforced Nylon Operation panel : Polyester film *1 ABS : Acrylonitrile Butadiene Styrene *2 PBT : Polybutylene Terephthalate
Options	Pole clamp, Multiple pump mount, DC power cable, Nurse call cable, Infusion stand

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

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