TE-331, TE-332

Terufusion® Syringe Pump

Specifications

Product Name
TERUFUSION Syringe Pump TE-331
TERUFUSION Syringe Pump TE-332
(with Body Weight Mode)

Compatible Syringes
10, 20, 30 and 50 mL (TERUMO and specified brands)

Range of Flow Rate Setting
0.1-300 mL/h (for 10, 20 and 30 mL syringes)
0.1-1200 mL/h (for 50 mL syringes)

Flow Rate Display Change
0.1mL/h steps (for settings from 0.1 to 999.9 mL/h)
1mL/h steps (for settings from 1000 to 1200 mL/h)

Flow Rate Accuracy
Mechanical Accuracy within ±1%
Accuracy including syringe ± 3%

Occlusion Detection Pressure
Selectable from three levels.
(Values are with use of TERUMO syringe)
[III]: 800 ± 200 mmHg max. (106.7 kPa ± 26.7 kPa)
[II]: 500 ± 100 mmHg max. (66.7 kPa ± 13.3 kPa)
[I]: 300 ± 100 mmHg max. (40 kPa ± 13.3 kPa)

Priming (purge rate)
300 mL/h ~ 1200 mL/h (Depending on syringe size)

Alarms
Occlusion, Nearly empty, Low Battery, Plunger/Clutch disengaged, Syringe disengaged, AC/DC Cable disconnected

Special Functions
Functions are selectable via internal switches:
- Delivery Limit setting
  0.1 – 999.9 mL (in 0.1 mL steps)
  When the limit is reached, an alarm will occur and the infusion will continue at KVO rate of 0.1 mL/h.
- Nearly Empty alarm setting
  The time until the syringe is empty can be programmed.
  (from 3 to 30 min.)
- Max. Flow Rate
  1 – 1200 mL/h (in 1 mL steps)

Power Supply
100 to 240 VAC, 50/60 Hz
12 to 15 VDC
Operable duration using internal battery:
Approx. 5 hours (using a new battery at flow rate of 5mL/h and ambient temperature of 25°C, after charging at least 15 hours with the power off)

Classification (acc. to IEC 60601-1)
Class I and internally powered equipment, Type CF, Continuous operation, IPX4 (splashproof)

External Dimensions
322 (W) x 114 (H) x 115 (D) mm

Weight
TE-331 ± 1.8 kg
TE-332 ± 1.9 kg

External Communication and Nurse Call Connector
RS-232 or RS-485, Nurse call : 12 VDC, 1 A max.

Options
Fixed Angle Pole Clamp
Angle Adjustable Pole Clamp
Fixed Angle Pole Clamp for Syringe Pump with Dovetail
Angle Adjustable Pole Clamp for Syringe Pump with Dovetail
Strack & Accessories
Dovetail 331

Battery

The TE-331/2 is equipped with a battery indicator for a clear view over the remaining battery capacity.
The 1100mAh battery has a working time of 5 hours. The battery can easily be replaced by opening the battery compartment. It is not necessary to open the casing of the pump.

Alarm Monitor

This monitor centralizes information about the operation status and nature of the alarm. The status can easily be seen on the pump, without having to enter menus. Our syringe pumps are as versatile as reliable. With in total 3 different occlusion detection levels, they are suitable for almost every application. A pressure monitor is incorporated in the alarm monitor to follow the pressure variance constantly.

Unique user-friendly dial

The ergonomically designed dial helps to eliminate mistakes whilst making settings. Equipped with improved dialing software, it allows you to reach the setting easily by having the changing speed of parameters determined by your dialing speed.

Fast and easy placement of the syringe

Syringes of different sizes can be easily placed in the pump. Just place the syringe in the pump and move the slider against the plunger of the syringe. As soon as the clutch is released, the plunger is held firmly by the slider hooks.

Strack

Our unique modular system that brings the advantages of Stack and Rack into one system. The separate modules and the absence of an additional back wall make the STRACK a lightweight modular system, which can be used in every ward. Basic syringe pump modules can easlily be combined with specialised modules for TIVA and TCI.

CE 0197

We keep life flowing

TERUMO®

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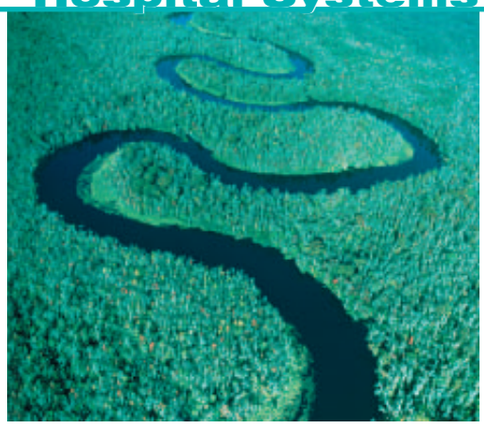
Hospital Systems



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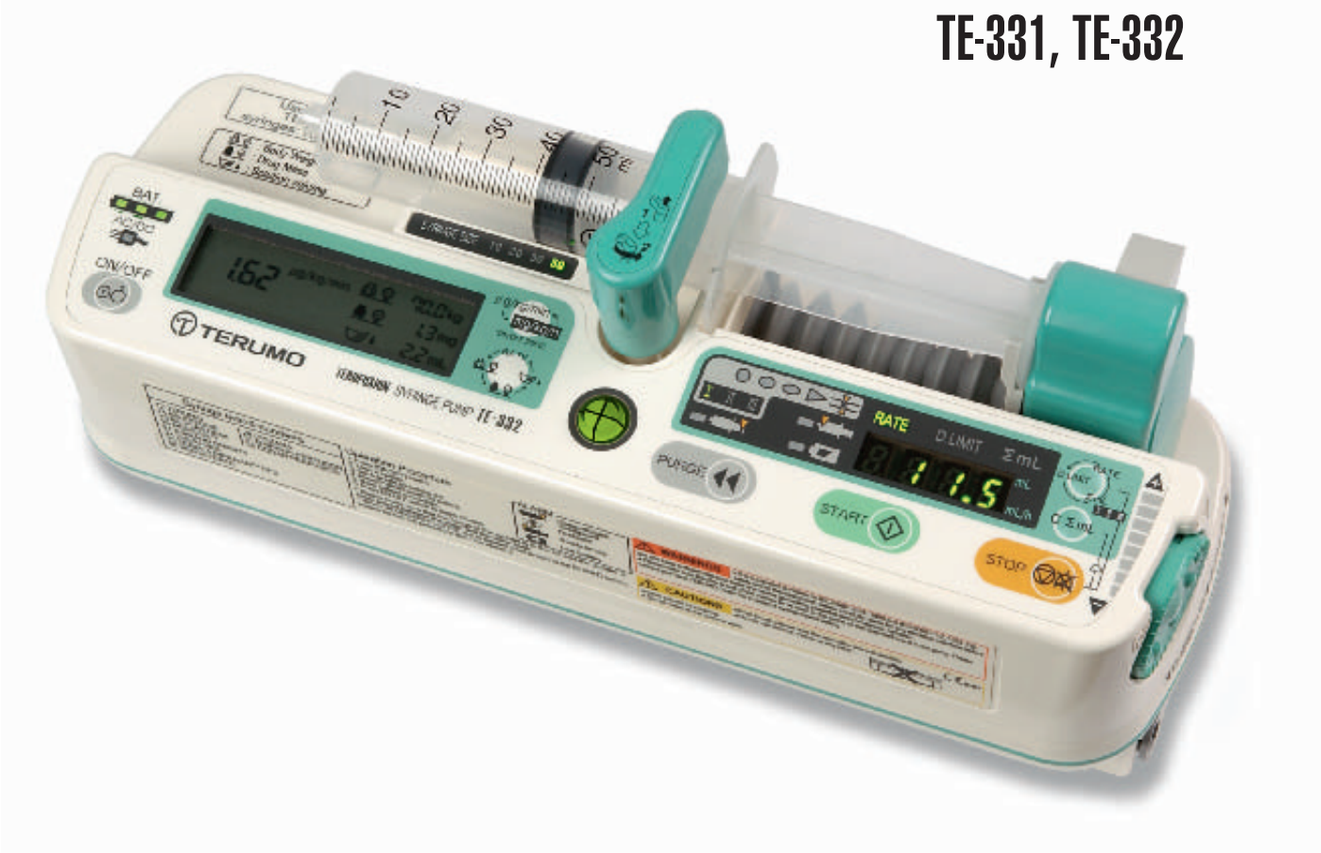

A higher standard of operational ease.

We keep life flowing

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