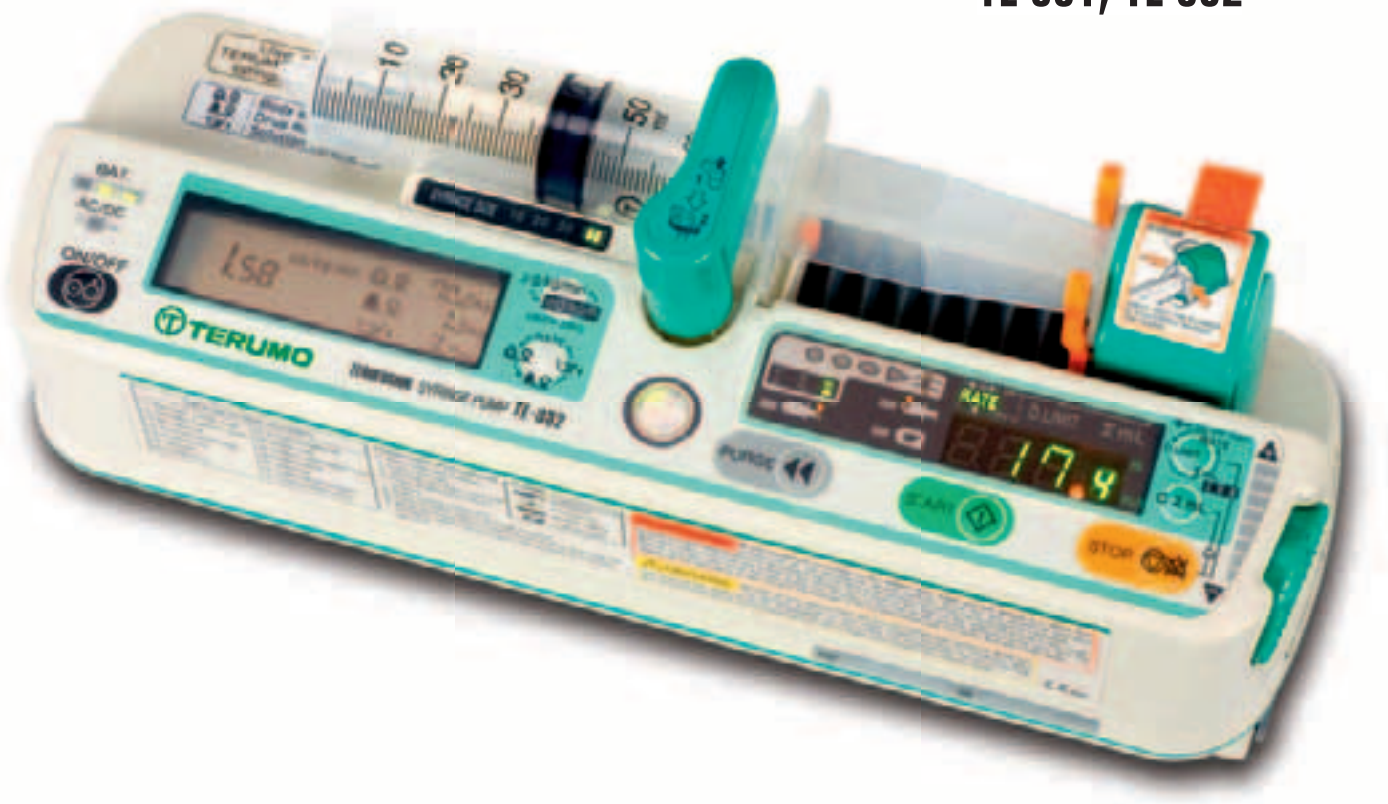
Terufusion® Syringe Pump

TE-331, TE-332



Ease of use: Your best guarantee for a faultless and SAFE infusion

We keep life flowing

TERUMO®

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)
0.1-999 mL/h (for 50 mL syringes)
0.1-1200 mL/h (special function for 50 mL syringes)

Flow Rate Display Change

0.1 mL/h steps (for settings from 0.1 to 99.9 mL/h)
1 mL/h steps (for settings from 100 to 999 mL/h)

Flow Rate Accuracy

Mechanical Accuracy: ±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)
Optional: 5 occlusion levels (100, 200, 300, 500 and 800 mmHg)

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.
High flow warning when turning the dial over 10 mL/h (optional)

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 60 min.)
- Max. Flow Rate
  1 – 1200 mL/h (in 1 mL steps)
- Syringe Brand Confirmation
- Memory function (last settings)
- Changeable flow rate during infusion

Power Supply

100 to 240 VAC, 50/60 Hz
12 to 15 VDC
Operable duration using internal battery NiMH:
Approx. 5 hours (using a new battery at flow rate of 5 mL/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.

CE 0197

Display for safe parameter settings

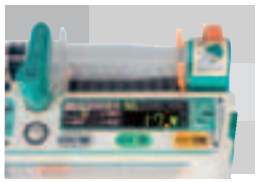
In order to avoid reading mistakes and misprogramming of the flow rate, the difference between the digits and the decimal places is clearly marked by an orange coloured decimal point and an apparent difference in size.

Unique dial setting

The ergonomically designed dial helps to eliminate mistakes whilst making settings. It allows you to reach the setting easily and in a more evident manner.

Fast and unmistakable syringe placement

In order to guarantee correct placement and reliable functioning of the syringe, the pump is equipped with a barrel detection unit. In this way, the correct placement of different syringe sizes is very fast and easy, as well as entirely safe.

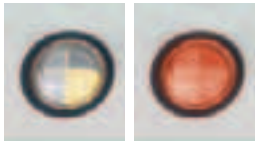


Solid design

Especially during patient transportation, it is important to have a system which is designed to minimize the risk of breaking. Therefore, it is a big advantage to have the Terufusion syringe pumps where the slider is always staying inside the borders of the pump casing.

Clear 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. A pressure monitor is incorporated in the alarm monitor to follow the pressure variance constantly. A large, bright Operation Indicator features a unique flow-proportional indication for intuitive monitoring of the flow. With its omnidirectional view, it enhances safety in terms of flow rate setting (green turning), Stand-by Mode (green flashing) and alarm status (red).



Fixation Options

Pole clamps

Fixed

Angled

STRACK modular system

Strack Dynamic

Strack Intense

Strack & Go

We keep life flowing

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