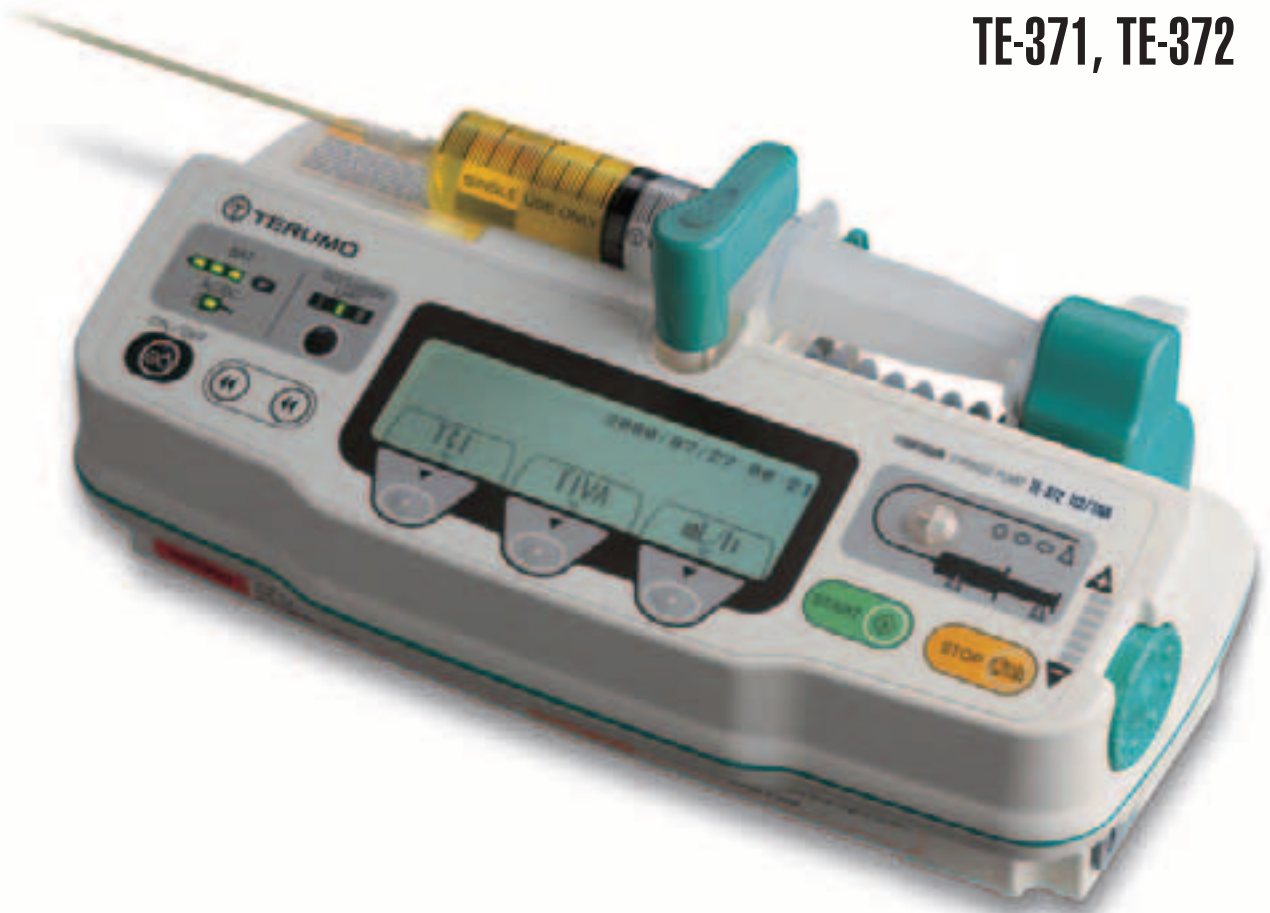




# Terufusion<sup>®</sup> Syringe Pump

TE-371, TE-372



**Professional performance  
made easy**



We keep life flowing

# A high-quality syringe pump that makes even complicated procedures safe

Terumo TE-371 and TE-372 syringe pumps prove that operational ease and high performance are not mutually exclusive. Each model features direct access to a variety of functions, including mL/h, TIVA and TCI\*.

A large, easy-to-read display and conveniently placed buttons also simplify the use.

\*TCI is available only with the TE-372.

## Continuous monitoring

The status of several key parameters can easily be seen on the pump without having to enter menus. Battery status and occlusion limit setting are easy to monitor, avoiding an excess of numeric values. Other safety parameters, including syringe and drug data, are continuously monitored on the large display. A Pressure Monitor is incorporated in the Alarm Monitor to follow the pressure variance constantly.



## Alarm monitor

This monitor centralizes information about the operation status and nature of the alarm, making confirmation instantaneously. A large, bright Operation Indicator features a unique flow-proportional indication for intuitive monitoring of the flow. With its omnidirectional view, it heightens safety when the pump's Standby Mode is activated.



## 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 the parameter determined by your dialing speed. This fast scroll is also handy when going through preset drug protocols.



## Large display

Operational ease and safety are increased by a large, easy-to-read display that permits direct confirmation with one touch of a button.

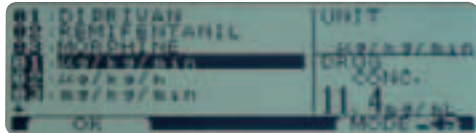


# flexible and easy

# Terufusion® Syringe Pump

## Flexible drug library

A programmable Drug Protocol enables the creation of a customized Drug Library. Additionally, a series of mass units provides the first flexible Drug Library that permits a choice of drug names or units. Direct access to parameter input and an easy set-up menu enable fast and safe operation at all times.



## Hands-free and hands-on bolus

Flexibility is further increased by a choice of two clearly differentiated bolus modes: a Hands-Free mode with handy preset parameters and a Hands-On mode for direct control. Both are ideal for anesthesia induction.



## Other features

### Microcomputer-controlled flow rate accuracy

Both the TE-371 and TE-372 are controlled by a microcomputer that can achieve a quick startup, even at low flow rates, to ensure accurate fluid delivery. Mechanical accuracy rates  $\pm 1\%$  and loaded syringe accuracy rates  $\pm 3\%$ .

### Fall-back mode

A separate mL/h mode integrates the need for both safety (emergency cases) and ease (immediate access) to fall back upon at any time.

### Timed nearly empty alarm (selectable)

### Optimal bolus reduction

Upon occlusion alarm, bolus is optimally reduced by achieving a safe balance between bolus reduced and remaining pressure.

### Full events history and TCI graphic history

### Light, compact & splash-proof

## TCI (Target Controlled Infusion)

The TE-372 incorporates Diprifusor®, a system for TCI of Diprivan® (Propofol) developed by AstraZeneca.\* Depending on patient data, the infusion rate for induction and maintenance of anesthesia is automatically adjusted according to the targeted blood concentration.

\*Diprifusor and Diprivan are trademarks of AstraZeneca Limited. According to the regulatory status, the availability of Diprivan PFS and TCI infusion varies from country to country. For further information, please contact an AstraZeneca or Terumo representative in your country.



## TCI graphic display

The TE-372 offers one-touch, one-look confirmation of TCI status. A Zoom Function allows easy viewing throughout the infusion period, making it very easy to track procedures.

Also in the TCI Graphical History, a Scroll Function is added to determine TCI parameters at any moment after the operation.



Specifications																					
<b>Product name</b> TERUFUSION syringe pump TE-371 TIVA TERUFUSION syringe pump TE-372 TCI/TIVA	<b>Power supply</b> 100 to 240 VAC, 50 - 60 Hz 12 to 15 VDC Operable duration using internal battery (NiMH): Approx. 4 hours (approx. 3 hours and 45 minutes when using external communication) (using a new battery at a flow rate of 5 mL/h and ambient temperature of 25°C, after charging for at least 15 hours with the power off)																				
<b>Compatible syringes</b> 10, 20, 30 and 50 mL (TERUMO & specified brands)	<b>Classification</b> Class I and Internally Powered Equipment, Type-CF, continuous operation IPX4 (Protected against splashing liquids)																				
<b>Range of flow rate settings</b> (for 10, 20 and 30 mL syringes) 0.1 to 300.0 mL/h (for 50 mL syringes) 0.1 to 1,200 mL/h	<b>External dimensions</b> 329 (W) x 123 (H) x 154 (D) mm																				
<b>Flow rate display range</b> Settings 0.1 to 999.9 mL/h: in 0.1 mL/h steps Settings 1,000 to 1,200 mL/h: in 1 mL/h steps	<b>External communication and nurse call alarm output</b> RS-232C or RS-485 12 VDC, 1 A max.																				
<b>Display range of volume infused</b> 0.1 to 999.9 mL (in 0.1 mL steps) or 0.0001 to 99,990 mg	<b>Weight</b> TE-371:                      Approx. 2.3 kg TE-372:                      Approx. 2.4 kg																				
<b>Flow rate accuracy</b> Mechanical accuracy:        within ± 1% Accuracy including syringe: within ± 3%	<b>Fixation options</b>																				
<b>Occlusion detection pressure</b> Selectable from three levels. [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) (Above values are with the use of TERUMO syringes)	<table border="1"> <thead> <tr> <th>Pole clamps</th> <th colspan="3">STRACK modular system</th> </tr> </thead> <tbody> <tr> <td>Fixed</td> <td>Strack Dynamic</td> <td>Strack Intense</td> <td>Strack &amp; Go</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Angled</td> <td colspan="3"></td> </tr> <tr> <td></td> <td colspan="3"></td> </tr> </tbody> </table>	Pole clamps	STRACK modular system			Fixed	Strack Dynamic	Strack Intense	Strack & Go					Angled							
Pole clamps	STRACK modular system																				
Fixed	Strack Dynamic	Strack Intense	Strack & Go																		
																					
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<b>Priming (purge rate)</b> 100 mL/h ~ 1,200 mL/h (Depending on syringe size)																					
<b>Alarms</b> Occlusion, nearly empty, low battery, disengaged syringe disengaged plunger/clutch, disconnected AC cable																					
<b>Special functions</b> Functions are selectable via internal switches: <ul style="list-style-type: none"> <li>• Delivery limit setting 0.1 to 999.9 mL (in 0.1 mL steps)</li> <li>* When the delivery limit is set: Alarm for completion of infusion Keep Vein Open (KVO) function (Infusion continues at 0.1 mL/h after the completion of infusion.)</li> <li>• Setting of Nearly Empty Alarm The time until the syringe is empty can be programmed (from 3 to 30 min.)</li> </ul>																					

The TE-371 and TE-372 pumps are manufactured by Terumo Corporation in Japan.



TERUMO EUROPE N.V. • Researchpark Zone 2 Haasrode  
 • Interleuvenlaan 40, B-3001 Leuven BELGIUM  
 • Tel. +32/16.38.12.11 • Fax +32/16.40.02.49

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