

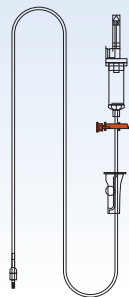
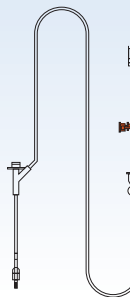
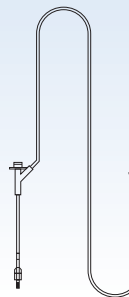
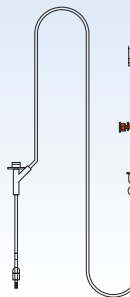
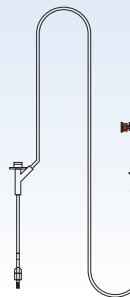
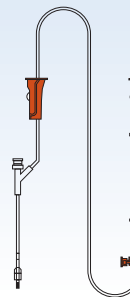
**Terufusion<sup>®</sup>**

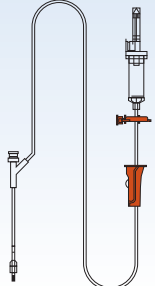
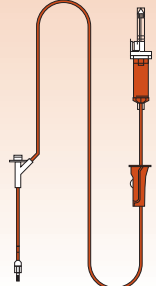
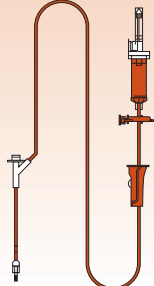
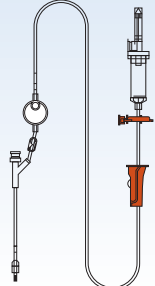
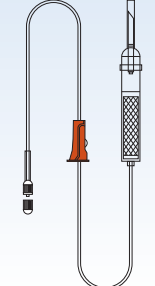
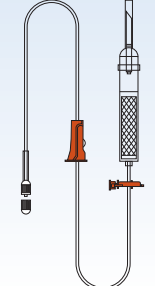
*Infusion System*

# Infusion and Extension Sets

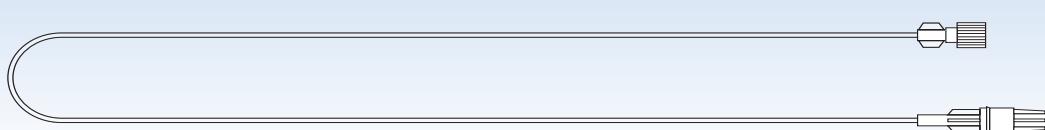



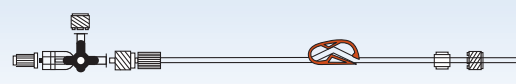
## Infusion Sets

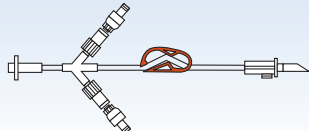
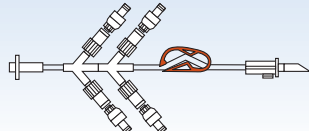
Type	General					
Product code	TI*PU300WY	TI*PJ300WY01	YI*PU400WN01	YI*PU400WY51	YI*PU400WY21	TI*PM370WYE <sup>1</sup>
AFF clip	Yes	Yes	No	Yes	Yes	Yes
Filter (um)	15	15	15	15	15	15
Pump tube (mm)	2000	2000	2000	2500	2200	2200
Injector port	None	Needle port	Needle port	Needle port	Needle port	NLCD <sup>2</sup>
Drip rate (drops/ml)	20	20	20	20	20	60
Material - tubing	PVC <sup>3</sup>	Polybutadiene <sup>4</sup>	PVC <sup>3</sup>	PVC <sup>3</sup>	PVC <sup>3</sup>	PVC <sup>3</sup>
Packaging (unit/carton)	20/200	20/200	20/200	20/200	20/200	20/200
Priming volume (ml)	15,7	16,8	16,9	20,7	18,1	19,4
Colour <sup>5</sup>	Transparent	Transparent	Transparent	Transparent	Transparent	Transparent
Pressure resistance (bar)	2	2	2	2	2	2
Total length of sets	2150	2440	2270	2770	2470	2985
						

Type	General	General (amber)		Oncology	Transfusion	
Product code	SP*PT306WY01E	TI*PA300WN01E	TI*PA300WY01E	SP*PF306WY01E	TB*PU300SE	TB*PU300SYE
AFF clip	Yes	No	Yes	Yes	No	Yes
Filter (um)	15	15	15	0,2	200	200
Tube length (mm)	2200	2000	2000	2200	2200	2200
Injector port	NLCD <sup>2</sup>	Needle port	Needle port	NLCD <sup>2</sup>	None	None
Drip rate (drops/ml)	20	20	20	20	20	20
Material - tubing	Polybutadiene <sup>4</sup>	PVC <sup>3</sup>	PVC <sup>3</sup>	Polybutadiene <sup>4</sup>	PVC <sup>3</sup>	PVC <sup>3</sup>
Packaging (unit/carton)	20/200	20/200	20/200	20/200	20/200	20/200
Priming volume (ml)	18,3	17,4	17,4	20,2	17,4	17,4
Colour <sup>5</sup>	Transparent	Amber	Amber	Transparent	Transparent	Transparent
Pressure resistance (bar)	2	2	2	2	2	2
Total length of sets	2640	2640	2640	2860	2420	2420
						

## Extension Sets

Type	Basic					
Product code	EX+300TN1FL	EX+200TN1FL	EX+150TN1FL	EX+075TN1FL	EX+050TN1FL	EX+025TN1FL
Material - tubing	PVC <sup>1</sup>	PVC <sup>1</sup>	PVC <sup>1</sup>	PVC <sup>1</sup>	PVC <sup>1</sup>	PVC <sup>1</sup>
Colour - tubing	Transparent	Transparent	Transparent	Transparent	Transparent	Transparent
Tube length (cm)	300	200	150	75	50	25
Connection 1	FFLL <sup>2</sup>	FFLL <sup>2</sup>	FFLL <sup>2</sup>	FFLL <sup>2</sup>	FFLL <sup>2</sup>	FFLL <sup>2</sup>
Connection 2	FMLL <sup>3</sup>	FMLL <sup>3</sup>	FMLL <sup>3</sup>	FMLL <sup>3</sup>	FMLL <sup>3</sup>	FMLL <sup>3</sup>
Clip	No	No	No	No	No	No
Priming volume (ml)	5,3	3,5	2,6	1,5	1	0,5
Pressure resistance (bar)	4	4	4	4	4	4
						

Type	Amber				3-way tap			
Product code	EX+250AN1FL	EX+200AN1FL	EX+150AN1FL	EX+025AN1FL	EX+200TNTAP	EX+150TNTAP	EX+050TNTAP	EX+025TNTAP
Material - tubing	PUR <sup>4</sup>	PUR <sup>4</sup>	PUR <sup>4</sup>	PUR <sup>4</sup>	PVC <sup>1</sup>	PVC <sup>1</sup>	PVC <sup>1</sup>	PVC <sup>1</sup>
Colour - tubing	Amber	Amber	Amber	Amber	Transparent	Transparent	Transparent	Transparent
Tube length (cm)	250	200	150	25	200	150	50	25
Connection 1	FFLL <sup>2</sup>	FFLL <sup>2</sup>	FFLL <sup>2</sup>	FFLL <sup>2</sup>	3-way tap	3-way tap	3-way tap	3-way tap
Connection 2	RMLL <sup>5</sup>	RMLL <sup>5</sup>	RMLL <sup>5</sup>	RMLL <sup>5</sup>	FMLL <sup>3</sup>	FMLL <sup>3</sup>	FMLL <sup>3</sup>	FMLL <sup>3</sup>
Clip	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Priming volume (ml)	2,0	1,6	1,2	0,5	2,2	2,0	1,0	0,5
Pressure resistance (bar)	21	21	21	21	4	4	4	4
								

Type	Add-on	
Product code	AO+T2NFD	AO+T4NFD
Material - tubing	PVC <sup>1</sup>	PVC <sup>1</sup>
Colour - tubing	Transparent	Transparent
Tube length (cm)	25+3	25+3
Connection 1	2 x (NLCD <sup>6</sup> +BCV <sup>7</sup> )	4 x (NLCD <sup>6</sup> +BCV <sup>7</sup> )
Connection 2	Piercing connector	Piercing connector
Clip	Yes	Yes
Priming volume (ml)	2,0	2,4
Pressure resistance (bar)	2	2
		



## Terumo Infusion Sets

### Easy handling

- Easy setting following the instruction screen of the pump
- Sharp 2-way spike penetrating bags and bottles easily
- Adjustable roller clamp with notch to mount tubing during priming

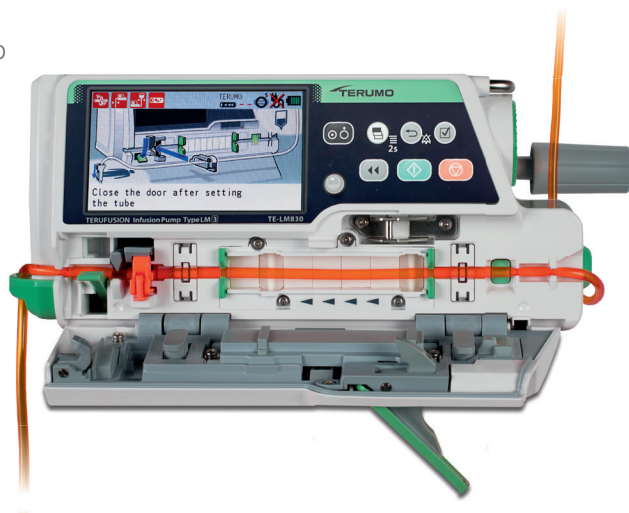
### Increased patient safety

- AFF clip for prevention of accidental bolus infusion
- Does not contain DEHP
- Y-site with NLCD\* for prevention of needle stick injuries

### Highly accurate infusion

- Reliable high accuracy combination of Terumo pump & sets\*\*
- Durable tubes for continuous accurate infusion

\* Needleless connecting device  
 \*\* Flow rate accuracy: within ± 5%



### Full focus infusion system

Terumo offers a comprehensive portfolio of solutions for the complete infusion line-up: user-friendly syringe and volumetric pumps and racks, as well as a wide range of highly accurate, easy-to-use disposables, such as an extended range of infusion sets and syringes.

**TERUMO**  
 Terumo Corporation  
 +81 3 3374 8111  
 Terumo Europe NV  
 +32 16 38 12 11

Your Terumo partner



TÜVRheinland®

**EC Certificate**  
**Directive 93/42/EEC Annex II, excluding Section 4**  
**Full Quality Assurance System**  
**Medical Devices**

**Registration No.:** HD 60121893 0001

**Report No.:** 12031336 001

**Manufacturer:** Terumo Corporation  
44-1, 2-chome, Hatagaya  
Shibuya-Ku, Tokyo 151-0072  
Japan

**Products:** see attachement for products included

Replaces Approval, Registration No.: HD 60077473 0001

**Expiry Date:** 2022-08-29

The Notified Body hereby declares that the requirements of Annex II, excluding section 4 of the directive 93/42/EEC have been met for the listed products. The above named manufacturer has established and applies a quality assurance system, which is subject to periodic surveillance, defined by Annex II, section 5 of the aforementioned directive. For placing on the market of class III devices covered by this certificate an EC design-examination certificate according to Annex II, section 4 is required.

**Effective Date:** 2017-08-30

**Date:** 2017-08-25



Notified Body

*M. Aihara*  
M.Sc. M. Aihara

**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

TÜV Rheinland LGA Products GmbH is a Notified Body according to Directive 93/42/EEC concerning medical devices with the identification number 0197.

**TÜV Rheinland**  
**LGA Products GmbH**  
**Tillystraße 2, 90431 Nürnberg**

**Attachment to  
Certificate**

**Registration No.:** HD 60121893 0001  
**Report No.:** 12031336 001

**Manufacturer:** Terumo Corporation  
44-1, 2-chome, Hatagaya  
Shibuya-Ku, Tokyo 151-0072  
Japan

Products included:

- Blood Bags
- Blood Donor Set with/without Blood Transfusion Filter
- Blood Transfusion Filter
- Intravenous Catheter
- Intravenous Administration Set
- Hypodermic Syringe
- Winged Needle
- Dental Needle
- Other Medical Needle
- Blood Administration Set
- Lancet



**Notified Body**

*M. Aihara*

**M.Sc. M. Aihara**

**Date: 2017-08-25**

**TÜV Rheinland**  
**LGA Products GmbH**  
**Tillystraße 2, 90431 Nürnberg**

**Attachment to  
Certificate**

**Registration No.:** HD 60121893 0001  
**Report No.:** 12031336 001

**Manufacturer:** Terumo Corporation  
44-1, 2-chome, Hatagaya  
Shibuya-Ku, Tokyo 151-0072  
Japan

**Products included:**

- Extra-corporeal Membrane Oxygenator
- Cardiopulmonary Bypass Arterial Line Blood Filter
- Heart-Lung Bypass Defoamer
- Cardiotomy Reservoir
- Cardiopulmonary Bypass Blood Reservoir
- Haemoconcentration Filter
- Centrifugal Pump
- Angiographic Catheter
- Balloon Dilatation Catheter
- Catheter Guide Wire
- Guiding Catheter
- Catheter Introducer
- Stents
- Extension Tube
- Temperature Control Unit for Heart-Lung Bypass System Module
- Infusion Pump
- Syringe Infusion Pump
- Clinical Electronic Thermometer

**Date:** 2017-08-25



**Notified Body**

*M. Aihara*  
**M.Sc. M. Aihara**



# Certificate

No. Q5 037584 0026 Rev. 01

**Holder of Certificate:** **Terumo Medical Products  
(Hangzhou) Co., Ltd.**

M4-9-5 Hangzhou Economic &  
Technological Development Zone  
310018 Hangzhou  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Scope of Certificate:**

Design and Development, Production and Distribution of Connector, Balloon Catheter, Silicone Balloon Catheter, Silicone Balloon Catheter with Temperature Sensor, Extension Tube, Three-Way Stopcock with Extension Tube, Suction Catheter, P-Type Catheter with Aspirator Collector, Nelaton Catheter, Stomach Tube, Feeding Tube, Connecting Tube, Oxygen Catheter, Three-way Stopcock, Surplug Needle-Free Connector, Intravenous Hyperalimentation, Solution Administration Set for Infusion Pump, Solution Administration Set for Pediatric, Solution Administration Set, Volumetric Solution Administration Set for Infusion Pump, Disposable Volumetric Solution Administration Set, Volumetric Blood Administration Set, Winged Infusion Set, Winged Blood Sampling Set, Surplug Needle-Free Connector with Extension Tube, Surplug Solution Administration Set, Surplug Three-Way Stopcock, Final Filter PS, Automated Peritoneal Dialysis, Blood Administration Set for Infusion Pump, Extra-Corporeal Membrane Oxygenator, Digital Electronic Sphygmomanometer, Electronic Thermometer, Surplug AD, Surplug AD Manifold, Surplug AD Three Way Stopcock, Surplug AD Extension Tube, Surplug AD Administration Set, Intravenous Catheter for Single Use, Nasogastric Tube for Single Use  
Production and Distribution of Cardiotomy Reservoir

The Certification Body of TÜV SÜD Product Service GmbH certifies that the company mentioned above has established and is maintaining a quality management system, which meets the requirements of the listed standard(s). See also notes overleaf.

**Report No.:** SH1907321

**Valid from:** 2019-12-01  
**Valid until:** 2022-11-30

**Date,** 2019-11-19

Christoph Dicks  
Head of Certification/Notified Body

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT





## DECLARATION OF CONFORMITY

Manufacturer: Terumo Medical Products(Hangzhou) Co.,Ltd,  
M4-9-5 Hangzhou Economic & Technological Development Zone,  
310018 Hangzhou, People's Republic of China

European Representative: TERUMO EUROPE N.V.  
Interleuvenlaan 40,3001 Leuven, Belgium

Product Name: Solution Administration Set for Infusion Pump

Model Number: See attachment

UMDNS Code: 16579+17984

Classification (MDD, Annex IX): II a,rule 2

Conformity Assessment Route: Annex II, excluding 4

We here with declare that the above mentioned products meet the transposition into national law, the provisions of the following EC Council Directives and Standards. All supporting documentations are retained under the premises of the manufacturer.

### DIRECTIVES

General applicable directives:

Medical Device Directive: COUNCIL DIRECTIVE 93/42/EEC of 14 June 1993 concerning medical devices (MDD 93/42/EEC). Amended by DIRECTIVE 2007/47/EC of 5 September 2007.

Standard Applied: All applicable harmonized standard

Notified Body: TÜV SÜD Product Service GmbH, Ridlerstr. 65, 80339 München, Germany

Identification number: CE0123

(EC) Certificate: G1 037584 0027 Rev.01

Expire date of the Certificate: 2024-05-26

Start of CE Marking: February 08,2010

Place of Issue: Hangzhou

Date: 2020.03.11

Signature: Zhang Yan

Name: Yan Zhang

Position: General Manager

**ATTACHMENT:**

Common Name: Solution Administration Set for Infusion Pump	
Brand Name	Model number
TERUFUSION Solution Administration Set for Infusion Pump	TI*PU300WN01
	TI*PU300WN01E
	TI*PU200WN01
	TI*PU300W
	TI*PU200W
	TI*PJ300WN01
	TI*PU200WY01
	TI*PU300WY
	TI*PU200WY
	TI*PJ300WY01
	TI*PU300WY01
	TI*PU300WY01E
	TI*PU300WY11E
	YI*PU400WN01
	YI*PU400WY01
	YI*PU400WY21
	YI*PU400WY51
	YI*PU400WN00
	YI*PU400WY00
	YI*PU400WY20
	YI*PU400WY50
	YI*PU300WN01
	YI*PU300WY01
	YI*PU300WY21
	YI*PU300WY51
	YI*PU300WN00
	YI*PU300WY00
	YI*PU300WY20
	YI*PU300WY50
	YI*PU200WN01
	YI*PU200WY01
	YI*PU200WN00
	YI*PU200WY00
TI*PU300WN31	
TI*PU300WY31	
TI*PU300WN30	
TI*PU300WY30	

SURPLUG Solution Administration Set	SP*PF306WY01
	SP*PF306W01
	SP*PF306WY01E
	SP*PT306WY01E
TERUFUSION Solution Administration Set for infusion pump (Burette)	TI*PM370W
	TI*PM370WY
	TI*PM370WYE
TERUFUSION Solution Administration Set for infusion pump (for Photosensitive drugs)	TI*PA300WN01
	TI*PA300WN01E
	TI*PA300WY01
	TI*PA300WY01E
SURPLUG AD Solution Administration Set	SA*QTT301RN
	SA*QTT301LN
	SA*QTT301YN
	SA*QTT302YN
	SA*QTF301NN
	SA*QTF302NN
	SA*QTF302UN
	SA*QNT310YN
	SA*QNT320YN
	SA*QNT330YN
	SA*QTF303NN
	SA*QTF303UN
	SA*QTT301MN
	SA*QTT302MN
	SA*QNT310MN
	SA*QNT320MN
	SA*QNT330MN
SA*QTF301UN	