







# TERUFUSION<sup>®</sup> SYRINGE PUMP TE-SS700/TE-SS800



**SPECIFICATIONS**

<b>Product name</b>		TERUFUSION Syringe Pump Type SS					
<b>Model</b>		TE-SS700/TE-SS800					
<b>Syringe size</b>		5mL, 10mL, 20mL, 30mL, 50/60mL					
<b>Syringe brand</b>		TERUMO or other specified brands					
<b>Dose mode (*: TE-SS800 only)</b>		<ul style="list-style-type: none"> <li>• mL/h mode</li> <li>• µg/kg/min mode (*)</li> <li>• mg/kg/h mode (*)</li> <li>• Library mode (*)</li> </ul>					
<b>Drug Library (TE-SS800 only)</b>		3,000 Drugs 30 Profiles					
<b>Flow rate setting range</b>		<ul style="list-style-type: none"> <li>• Setting range 0.01 to 150.00 mL/h Note that the upper limit of the flow rate can be changed in the following ranges: 0.01 to 150.00 mL/h (when using syringe of 5 mL) 0.01 to 300.00 mL/h (when using syringe of 10, 20, 30 mL) 0.01 to 1200.00 mL/h (when using syringe of 50/60 mL)</li> <li>• Step 0.01 mL/h step ( 0.01 to 10.00 mL/h)* 0.10 mL/h step ( 10.00 to 100.00 mL/h)* 1.00 mL/h step ( 100.00 to 1200.00 mL/h)* *: Step can be used when flow rate is set by the Dial. (It will be 0.00 mL/h when the power is turned on.)</li> </ul>					
<b>Flow rate accuracy</b>	<b>Machine accuracy</b>	Within ±1% (flow rate ≥ 1.00 mL/h)					
	<b>Accuracy including syringe</b>	Within ±3% (The hourly precision after one hour has passed since the start of infusion at a constant flow rate of 1.00 mL/h or more according to IEC 60601-2-24 standard.)					
<b>Occlusion detection pressure</b>		10 to 120kPa (set value) The occlusion detection pressure can be set in 10 levels.					
<b>Purge flow rate</b>		<ul style="list-style-type: none"> <li>• Approx. 150 mL/h (when using syringe of 5mL)</li> <li>• Approx. 300 mL/h (when using syringe of 10mL)</li> <li>• Approx. 400 mL/h (when using syringe of 20mL)</li> <li>• Approx. 500 mL/h (when using syringe of 30mL)</li> <li>• Approx. 1200 mL/h (when using syringe of 50/60mL)</li> </ul>					
<b>Alarms</b>		Occlusion alarm, Pressure alarm*1, Nearly Empty alarm, Clutch Displacement alarm, Syringe Barrel Detection alarm, Syringe Displacement alarm, Plunger Displacement alarm, Battery alarm, Re-alarm, Start Reminder, No Flow Rate alarm, No VTBI alarm*2, Flow Rate/VTBI Volume Judgment alarm*2, Completion alarm*2, Link Interruption alarm*1 *1: TE-SS800 only *2: Only if the VTBI setting function is enabled (Default: disabled)					
<b>Safety functions</b>		Remaining volume detection position function, Occlusion detection pressure select function, Bolus reduction function, Flow rate range setting function A (Soft limits), Flow rate range setting function B (Hard limits), Key lock function					
<b>Use conditions</b>		Ambient temperature: 5 to 40°C Relative humidity: 20 to 90%RH (non-condensing)					
<b>Storage conditions</b>		Ambient temperature: -20 to 45°C Relative humidity: 10 to 95%RH (non-condensing)					
<b>Power supply</b>		AC100 to 240V, 50 to 60Hz Internal battery (lithium ion battery) • Continuous use period: Approx. 12 hours (applies when solution is delivered continuously at 5 mL/h in ambient temperature of 25°C with new fully charged battery) • Charging time: ≥8 hours (when charged with AC power supply with the power turned off)					
<b>Power consumption</b>		24VA					
<b>Classification</b>		Class I equipment and internally powered equipment, type CF applied part, Continuous Operation, IP24					
<b>Wireless LAN (TE-SS800 only)</b>		Hereby, TERUMO CORPORATION declares that this TERUFUSION Syringe Pump Type SS is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. • Transmit frequency or frequency band: 2412 – 2472 MHz • Type of modulation and frequency characteristics: • Differential Binary Phase Shift Keying: DBPSK                      • Direct Sequence Spread Spectrum: DSSS • Differential Quadrature Phase Shift Keying: DQPSK            • Complementary code keying: CCK • Effective radiated power: 10.7 dBm					
<b>Dimensions</b>		Without external communication (RS-232C): 381 mm (W)*3 x 120 mm (H)*3 x 112 mm (D)*4 With external communication (RS-232C): 381 mm (W)*3 x 120 mm (H)*3 x 131 mm (D)*4 *3: Excluding protrusions, *4: Excluding protrusions, pole clamp and moving range					
<b>Unit Weight</b>		Approx. 2.0 kg					
<b>Units Available</b>	<b>Model</b>	<b>Code No.</b>	<b>Voltage</b>	<b>Plug Type</b>	<b>Socket Type</b>	<b>Computer Interface</b>	<b>Weight mode, Drug library mode</b>
	TE-SS700	TE*SS700N02	100 to 240V	UK type		-	-
		TE*SS700N03	100 to 240V	European type		-	-
		TE*SS702N02	100 to 240V	UK type		Yes (RS-232C)	-
		TE*SS702N03	100 to 240V	European type		Yes (RS-232C)	-
	TE-SS800	TE*SS800N02	100 to 240V	UK type		Yes (IrDA, Wireless LAN)	Yes
TE*SS800N03		100 to 240V	European type		Yes (IrDA, Wireless LAN)	Yes	



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