



INfusia® SP7

INFUSION SYRINGE PUMP

INfusia® SP7s

INFUSION SYRINGE PUMP WITH DRUG LIBRARY



Infusion	 INfusia® SP7 INFUSION SYRINGE PUMP			 INfusia® SP7s INFUSION SYRINGE PUMP WITH DRUG LIBRARY		
	Flow rate range	50 ml syringe: From 0.1 to 1800.0 ml/h 30 ml syringe: From 0.1 to 1200.0 ml/h 20ml syringe: From 0.1 to 800.0 ml/h 10ml syringe: From 0.1 to 400.0 ml/h 5 ml syringe: From 0.1 to 200.0 ml/h	Increment: 0.1 ml/h for all syringe types	50 ml syringe: From 0.1 to 1800.0 ml/h 30 ml syringe: From 0.1 to 1200.0 ml/h 20ml syringe: From 0.1 to 800.0 ml/h 10ml syringe: From 0.1 to 400.0 ml/h 5 ml syringe: From 0.1 to 200.0 ml/h	Increment: 0.1 ml/h for all syringe types	
	Syringes capacities	5 ml, 10 ml, 20 ml (30 ml), 50 ml (60 ml)		5 ml, 10 ml, 20 ml, 30 ml, 50 ml/60 ml		
	Accuracy	±1% device accuracy (without disposable variability), ±3% total accuracy		±1% device accuracy (without disposable variability), ±3% total accuracy		
	Infusion modes	ml/h, Volume/Time, Volume Limit & Dose Mode		ml/h, Volume/Time, Volume Limit & Dose Mode		
	Volume to be infused	From 0.0 to 1999.9 ml, 0.1 ml increment		From 0.0 to 9999.9 ml, 0.1 ml increment		
	Infusion Time	From 1.0 min to 1999 min, 1 min increment		From 1.0 min to 1999 min, 1 min increment		
	Bolus or Purge rate	50 ml syringe: From 0.1 to 1800.0 ml/h 30 ml syringe: From 0.1 to 1200.0 ml/h 20ml syringe: From 0.1 to 800.0 ml/h 10ml syringe: From 0.1 to 400.0 ml/h 5 ml syringe: From 0.1 to 200.0 ml/h Increment: 0.1 ml/h for all syringe types		50 ml syringe: From 0.1 to 1800.0 ml/h 30 ml syringe: From 0.1 to 1200.0 ml/h 20ml syringe: From 0.1 to 800.0 ml/h 10ml syringe: From 0.1 to 400.0 ml/h 5 ml syringe: From 0.1 to 200.0 ml/h Increment: 0.1 ml/h for all syringe types		
	Bolus volume	From 1.0 to 100.0 ml, 0.1 ml increment		From 1.0 to 100.0 ml, 0.1 ml increment		
	Anti Bolus System	Yes		Yes		
	Data log event	5,000 events		5,000 events		
	KVO rate	1.0 ml/h or the last delivery rate, whichever is lower		1.0 ml/h or the last delivery rate, whichever is lower		
	PARAMETERS IN DOSE MODE					
	Drug Mass	From 0.1 to 999.9 mg, 0.1 mg increment		From 0.1 to 999.9 mg, 0.1 mg increment		
	Dose	From 0.01 to 99.99 ug/kg/min, 0.01 increment, or From 0.01 to 99.99 mg/kg/h, 0.01 increment		From 0.01 to 99.99, 0.01 increment . (For the listed dose units)		
	Dose units	ug/kg/min mg/kg/h		ng/kg/min, ug/kg/min, mg/kg/min, g/kg/min, U/kg/min, IU/kg/min, ng/kg/h, ug/kg/ h, mg/kg/ h, g/kg/ h, U/kg/h, IU/kg/h, ng/min, ug/min, mg/ min, g/min, U/min, IU/min, ng/h, ug/ h, mg/ h, g / h, U/h, IU/h , ml/h.		
	Patient weight	From 0.1 to 99.9 kg, 0.1 increment	From 100 to 300 kg, 1 incrementtt	From 0.1 to 99.9 kg, 0.1 increment	From 100 to 300 kg, 1 incrementtt	
	Solution Volume	From 0.1 to 199.9 ml, 0.1 ml increment		From 0.1 to 199.9 ml, 0.1 ml increment		
Pressure Mgmt.	Pressure modes	3 pre-set levels available: High (135 kPa ± 15%) Medium (100 kPa ± 20%) Low (65 kPa ± 30%)		3 pre-set levels available: High (135 kPa ± 15%) Medium (100 kPa ± 20%) Low (65 kPa ± 30%)		
Alarms	Pump status	Green light running on arrow display for infusion in progress, red alarm alert for warnings, KVO and Bolus indicator All alarms are expressed by means of light indicators, written words and sound beeps		Green light running on arrow display for infusion in progress, red alarm alert for warnings, KVO and Bolus indicator All alarms are expressed by means of light indicators, written words and sound beeps		
	Syringe position control	Syringe barrel clasp check, flange insertion, plunger head detection		Syringe barrel clasp check, flange insertion, plunger head detection		
	Infusion control	Occlusion pressure alarm, end of infusion alarm and near empty alarm		Occlusion pressure alarm, end of infusion alarm and near empty alarm		
	Device control	Disengaged syringe alarm, low battery alarm and technical malfunction alarm		Disengaged syringe alarm, low battery alarm and technical malfunction alarm		
Technical specifications	Display	Color LCD display (10.4 x 3.2 cm)		Monochromatic display (10.4 X 3.2 cm)		
	Stackability	Stack up to maximum of 8 channels		Stack up to maximum of 8 channels		
	Dimensions / weight	(L/W/H) 230 x 150 x 125 mm (Not including Pole clamp), Approx. 2.2 kg		(L/W/H) 230 x 150 x 125 mm (Not including Pole clamp), Approx. 2.2 kg		
	Drug library	NA		Available 1030 drugs in 17 categories		
	Battery	11.1 Vdc, 2000 mAh - Li-ion polymer battery The battery operating time is up to 8 hours when fully charged running at a rate of 25 ml/h Battery recharge: Pump OFF: < 10 h, Pump ON: < 14 h		11.1 Vdc, 2000 mAh - Li-ion polymer battery The battery operating time is up to 8 hours when fully charged running at a rate of 25 ml/h Battery recharge: Pump OFF: < 10 h, Pump ON: < 14 h		
	Compliance Standard	EN/IEC 60601-1,EN/IEC 60601-2-24, EN/IEC60601-1-8, IEC 60529:2001		EN/IEC 60601-1,EN/IEC 60601-2-24, EN/IEC60601-1-8, IEC 60529:2001		
	Waterproofness	IPX4		IPX4		
	Electrical compliance	Protection against leakage current: type CF applied part	Protection against electric shocks: class I	Protection against leakage current: type CF applied part	Protection against electric shocks: class I	
	Power supply	AC 100 ~ 240 V, 50/60 Hz		AC 100 ~ 240 V, 50/60 Hz		