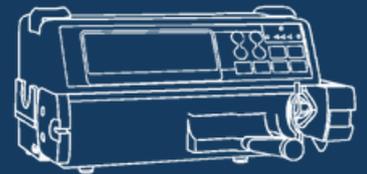


MEDICAL DEVICES

INfusia SP7s



INFUSION SYRINGE PUMP
WITH DRUG LIBRARY



**FRESENIUS
KABI**

caring for life

INFUSION

Flow rate range	50 mlsyringe: From 0.1 to 1800.0 ml/h 30 mlsyringe: From 0.1 to 1200.0 ml/h 20 mlsyringe: From 0.1 to 800.0 ml/h 10 mlsyringe: From 0.1 to 400.0 ml/h 5 mlsyringe: From 0.1 to 200.0 ml/h Increment: 0.1 ml/h for all syringe types
Syringe capacities	5ml, 10 ml, 20 ml, 30 ml, 50 ml/60 ml
Accuracy	±1% Device Accuracy (Without Disposable variability), ±3% total accuracy
Volumeto be infused	From 0.0 to 9999.9 ml, 0.1 ml increment
Infusion time	From 00 h 01 min to 99 h 59 min, min increment
Priming	Manual or by using the purge/bolus function of the pump
Bolus or purgerate	50 mlsyringe: From 0.1 to 1800.0 ml/h 30 mlsyringe: From 0.1 to 1200.0 ml/h 20 mlsyringe: From 0.1 to 800.0 ml/h 10 mlsyringe: From 0.1 to 400.0 ml/h 5 mlsyringe: 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
KVO rate	From 0.1 to 1.0 ml/h or the last delivery rate

Parameters in dose mode

Drug Mass	From 0.1 to 999.9, 0.1 increment
Drug Mass Units	g, mg, U, IU
Dose	From 0.001 to 9.999, 0.001 increment; From 10.00 to 99.99, 0.01 increment; From 100.0 to 999.9, 0.1 increment; From 1000 to 9999, 1 increment
Dose Units	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 300 kg, 0.1 increment
Solution Volume	From 0.1 to 60.0 ml, 0.1 ml increment

PRESSURE MANAGEMENT

Pressure modes	3 pre-set levels available: High (H): 135 kPa ± 15% Medium (M): 100 kPa ± 20% Low (L): 65 kPa ± 30%
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ALARMS

Pump status	Green light running on arrow display for infusion in progress, red alarm alert for warnings, KVO and Bolus indicator
Syringe position control	All alarms are expressed by means of light indicators, written words and sound beeps
Infusion control	Syringe barrel clasp check, flange insertion, plunger head detection
Device control	Occlusion pressure alarm, end of infusion alarm and near empty alarm
Device control	Disengaged syringe alarm, low battery alarm and technical malfunction alarm

TECHNICAL SPECIFICATIONS

Display	Blue LCD display (9.6 x 2.9 cm)
Stackability	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
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
Compliance Standard	EN/IEC 60601-1, EN/IEC 60601-2-24, EN/IEC 60601-1-8, IEC 60529:2001
Waterproofness	IPX4
Electrical compliance	Protection against leakage current: type CF applied part Protection against electric shocks: class I
Power supply	AC 100 ~ 240 V, 50/60 Hz

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