



INfusia® VP7
VOLUMETRIC INFUSION PUMP



INfusia® VP7s
VOLUMETRIC INFUSION PUMP WITH DRUG LIBRARY

For the use of a registered medical practitioner or a hospital or a laboratory only. IT/IFUSIAVLTCPMP/4 Page/LBL/6/1/2019/Cycle 1

CIN:U24231PN1995PTC014017

Infusion

Flow rate range	1.0 ml/h - 1200 ml/h 1.0 - 99.9 ml/h, 0.1 ml/h increment	100 - 1200 ml/h, 1 ml/h increment 1 - 400 drops/min, 1 drop/min increment	1.0 ml/h - 1200 ml/h 1.0 - 99.9 ml/h, 0.1 ml/h increment	100 - 1200 ml/h, 1 ml/h increment 1 - 400 drops/min, 1 drop/min increment
Flow rate accuracy	± 5 %		± 5 %	
Volume to be infused	0 - 9999 ml, 1 ml increment		0 - 9999 ml, 1 ml increment	
Infusion mode	Rate setting mode - ml/h, drops/min Volumetric setting mode - ml/h	Time setting mode - minutes, ml/h, drops/min	Rate setting mode - ml/h, drops/min Volumetric setting mode - ml/h	Time setting mode - minutes, ml/h, drops/min
Time of infusion	1 - 1999 min, 1 min increment minimum		From 00 h 01 min to 99 h 59 min, 1 ml increment	
Priming	Manual or by using the purge/bolus function of the pump		Manual or by using the purge/bolus function of the pump	
Bolus rate	1 - 1200 ml/h	0.1 - 99.9 ml/h, 0.1 ml/h increment	100 - 1200 ml/h, 1 ml/h increment	From 1 to 1200 ml/h Increment: 0.1 ml/h for flow rate < 100 ml/h, 1 ml/h for flow rate ≥ 100ml/h
Purge rate	600 ml/h		600 ml/h	
Free flow protection	Anti-free flow clamp when door is closed & in opened condition		Anti-free flow clamp when door is closed & in opened condition	
End of infusion	Automatic KVO at the end of infusion: 1 ml/h if < 10 ml/h infusion rate, otherwise, 3 ml/h		Automatic KVO at the end of infusion: 1 ml/h if < 10 ml/h infusion rate, otherwise, 3 ml/h	
Anti Bolus System	Yes		Yes	
Data log event	5,000 events		5,000 events	
PARAMETERS IN DOSE MODE				
Drug Mass	NA		From 0.1 to 999.9, 0.1 increment g, mg, U, IU	
Dose	NA		From 0.000 to 9.999, 0.001 increment From 100.0 to 999.9, 0.1 increment From 10.00 to 99.99, 0.01 increment From 1000 to 9999, 1 increment	
Dost units	NA		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	NA		From 0.1 to 300.0 kg, 0.1 kg increment	
Solution Volume	NA		From 0 to 9999 ml, 1 ml increment	

Pressure Mgmt.

Pressure modes	3 pre-set levels available: Low ≤60kPa, Medium ≤100kPa and High ≤150kPa	3 pre-set levels available: Low ≤60kPa, Medium ≤100kPa and High ≤150kPa
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Alarms

Pump status	Text display of current status, red alarm alert for warnings, KVO and Bolus indicator All alarms are expressed by means of light indicators, written words and sound beeps	Text display of current status, red alarm alert for warnings, KVO and Bolus indicator All alarms are expressed by means of light indicators, written words and sound beeps
Infusion control	Occlusion pressure alarm, end of infusion alarm, air bubble alarm, rate error alarm, empty bag alarm, free flow	Occlusion pressure alarm, end of infusion alarm, air bubble alarm, rate error alarm, empty bag alarm, free flow
Device control	Door open alarm, low battery alarm, technical fault alarm, no battery	Door open alarm, low battery alarm, technical fault alarm

Technical specifications

Pumping mechanism	Linear peristaltic pumping system	Linear peristaltic pumping system
Display	Color LCD display (3.7 x 9.4 cm)	Monochromatic display (3.7 X 9.4 cm)
Dimensions / weight	230 x 125 x 125 mm (Not including Pole clamp), 2 kg	230 x 125 x 125 mm (Not including Pole clamp), 2 kg
Battery	Lithium-ion polymer battery: 11.1 Vdc, 2000 mAh Battery life: approx. 8 hours when fully charged running at 25 ml/h Battery recharge: Pump OFF: < 10 h, Pump ON: < 14 h	Lithium-ion polymer battery: 11.1 Vdc, 2000 mAh Battery life: approx. 8 hours when fully charged running at 25 ml/h Battery recharge: Pump OFF: < 10 h, Pump ON: < 14 h
Drug library	NA	Available
Compliance Standard	EN 60601-1, EN 60601-1-2, EN 60601-2-24	EN 60601-1, EN 60601-1-2, EN 60601-2-24
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	100 ~ 240 Vac, 50/60 Hz, 35 VA	100 ~ 240 Vac, 50/60 Hz, 35 VA