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graseby™



Graseby™ C9 Syringe Pump

Technical Summary Sheet





Graseby™ C9 Syringe Pump Specifications

Infusion accuracy	±1.8%	Anti-bolus system	Reduces the potential bolus volume upon release of an occlusion (<0.2ml max)
Flow rate range	0.1 - 1500 mL/h (increments of 0.1 mL/h)	Occlusion pressure range	5 selectable levels; Range from 100 mmHg to 900 mmHg
Syringe sizes	5 mL, 10 mL, 20 mL, 30 mL, 50/60 mL	Dynamic pressure display (DPD)	Unique safety system that monitors and analyzes delivery pressure. On-screen bar graph monitors the trends in the infusion and alerts the user of an occlusion before the occlusion is triggered.
Syringe Brand Detection	Manual / Automatic	Drug list	Store up to 500 drug names
Syringe Brand Self Calibration	Manual / Automatic	Alarms	Occlusion, Infusion near complete, Infusion complete, Low battery, Battery depleted, System idle, Syringe clamp open, Syringe plunger open, Transmission error, System error
Infusion rate	5 mL syringe: 0.1-210.0 mL/h 10 mL syringe: 0.1-300.0 mL/h 20 mL syringe: 0.1-400.0 mL/h 30 mL syringe: 0.1-600.0 mL/h 50/60 mL syringe: 0.1-1,500.0 mL/h	Alarm audio	5 adjustable alarm volume levels 3 selectable alarm tones
Infusion modes	Rate mode Time mode Weight mode Multi-rate mode	KVO rate	0.0 - 5.0 mL/h (depending on syringe size)
VTBI range	0.1~9,999.9 mL	Stackability	Up to 4 pumps
Dose range	0.01~99.99 µg/kg/min	History log	Up to 5,000 records
Body weight range	0.1~300 kg	Screen Brightness	10 adjustable levels
Drug mass range	0.1~999.9 mg	Power Supply	External AC/DC; 100-240V, 50/60 Hz 25VA, 15 VDC Lithium ion battery, 2,600 mAh, 8 hours operating time (Fully charged new battery at 5 mL/h infusion rate)
Volume range	0.1~9999.9 mL	Interface type	RS 232
Priming/Bolus rate	5 mL syringe: 1.0-210.0 mL/h 10 mL syringe: 1.0-300.0 mL/h 20 mL syringe: 1.0-400.0 mL/h 30 mL syringe: 1.0-600.0 mL/h 50/60 mL syringe: 1.0-1,500.0 mL/h	Weight	1.8 Kg (Not including the pole clamp and power adapter)
Bolus type	Manual bolus Auto bolus	Dimensions (w/h/d)	158 x 88 x 299 mm
		IPX Rating	IPX3

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