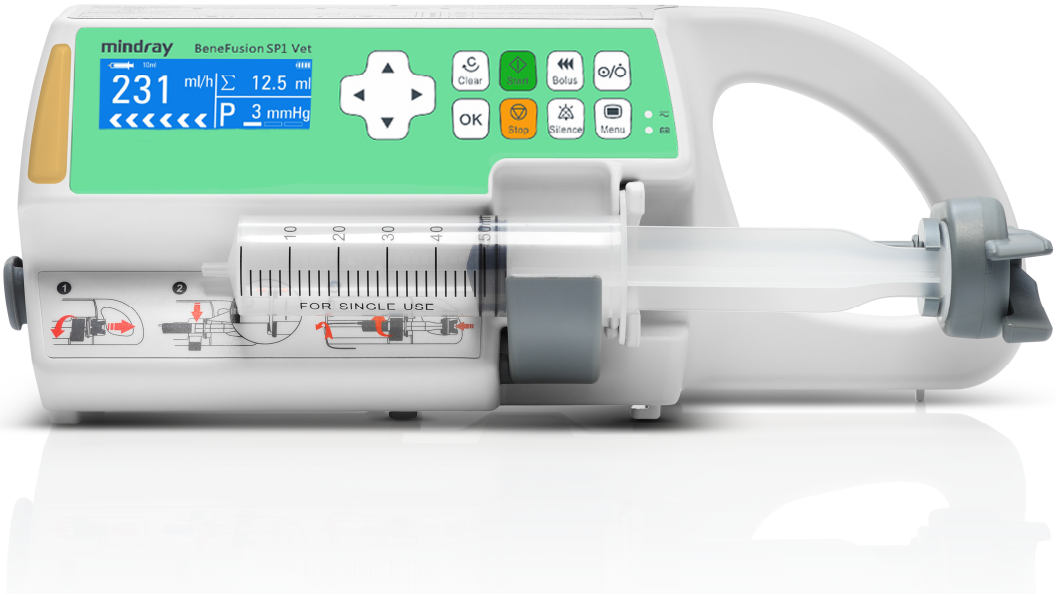
BeneFusion SP1 Vet

Syringe Pump

Data Sheet



Physical Specifications

Weight	< 1.8 kg
Size (L x W x H)	336 x 132 x 110 mm
Screen	2.5" LCD monochrome screen, 132 x 32 pixels
Brightness	1-8 levels, adjustable

Parameters Specifications

Accuracy	≤±2%
Mode	rate mode
Flow rate	0.1-1500ml/h
Increment	0.1ml(0.1-999.9ml/h); 1ml(1000-2000ml/h)
Preset volume(VTBI)	0.1-9999ml, increment is 0.1ml
Accumulated volume	0.1-9999 ml, increment is 0.1ml
KVO	0.5 ml/h, not adjustable
Purge rate	150-800ml/h
Bolus rate	0.1-1500ml/h
Occlusion detection	3 levels selectable: Low:300 mmHg/ Medium:525 mmHg/ High:900 mmHg; 4 units of pressure selectable: mmHg/kPa/bar/psi
Anti-bolus	unexpected bolus reduced when the occlusion occurs
Auto-lock time	1 - 5 minutes selectable; ON/OFF switchable

Syringes

Compatibility	5/10/20/30/50/60ml; automatic recognition of syringe size

Alarms

Type	audible and visual alarm
3 Levels	High: Occlusion/ VTBI Done/ KVO finish/ Battery Empty/ System Error/ Syringe Disengaged/ Syringe Empty Medium: System abnormal/ Standby Time Expired Low: Battery Low/ AC power Disconnection/ Reminder/ VTBI Near Done/ Syringe not inserted/ No communication/ Syringe Nearly Empty
Sound volume	1-8 levels selectable, default is level 4
Reminder	1-5 minutes selectable; ON/OFF switchable

Battery

Operating time	Standard (1battery): ≥6 hours at 25ml/h; Optional (2 batteries): ≥12hours at 25ml/h
Charging time	Standard (1battery): ≤5 hours Optional (2 batteries): ≤10 hours

Interface

RS232; nurse call connector; DC adapter

Power Supply

voltage 100-240 V~ ; frequency 50/60Hz; current 0.4-0.14A

Work Environment

Temperature	0-40ºC for operating; -40-70 ºC for storage
Relative humidity	15-95% for operating; 10-95% for storage
Atmosphere pressure	57-106 kPa for operating; 50-106 kPa for storage
Level of resistance to water and dust	IP34

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