

## **INFUSION PUMP**

## **INFUSION PUMP AC 100 I**



## **Features**

- Manual /Automatic Bolus.
- Vertical & Horizontal mounting clamp.
- Anti-bolus system.
- DPS dynamic pressure display.
- 2000 events stored can be checked and downloaded.
- Large color TFT display with adjustable brightness

## **Specifications(DPfusion VP1/VP3)**

Fit IV tubes Accuracy £2% Delivery rate range O.1ml/h-1200ml/h(0.1ml step) Delivery trate range Obolymin ~ 99h59min (1 min step) Volume limit range O.9999ml (1 ml step) Total Volume Range  Dose Mode  Available (only for VP3)  Sequential mode  Available (only for VP3)  Evolution Pressure  Dose Mode  Dose Mode  Available (only for VP3)  Evolution Pressure  Available (only for VP3)  Evolution Pressure  Dose Mode  Available (only for VP3)  Evolution Pressure  Available (only for VP3)  Evolution Pressure  Dose Mode  Available (only for VP3)  Evolution Pressure  Evolu	PARAMETER	SPECIFICATION
Delivery rate range Delivery time range On-1min ~ 99h59min (1 min step) Volume limit range Total Volume Range  On-9999ml (1 ml step)  Volume: 0.1-999.9ml (0.1ml step)  Drug MASS: 0.1-999.9mg (0.1mg step) Drug MASS: 0.1-999.9mg (0.1mg step) Drug Mass: 0.01-9999.9mg (0.1mg step) Drug Mass: 0.01-999.9mg (0.1mg step) Alarms  Alarm Volume Drug Mass: 0.01-999.9mg (0.1mg step) Alarm Volume Drug Mass: 0.01-999.9mg (0.1mg step) Drug Mass: 0.01-999.9mg (0.1mg step) Alarm Volume Drug Mass: 0.01-999.9mg (0.1mg step) Alarm Volume Drug Mass: 0.01-999.9mg (0.1mg step) Mass: 0.01-999.9mg (0.1mg step) Drug Mass: 0.01-999.9mg (0.1mg step) Dr	Fit IV tubes	Can be used with any brand IV set after exactly calibration
Delivery time range  Volume limit range  O.0-9999ml (1 ml step)  Total Volume Range  O.0-9999ml (1 ml step)  Volume:0.1-999.9mg (0.1mg step)  DRUG MASS:0.1-999.9mg (0.1mg step)  DOSE:0.001-9999ug/kg/min(0.001ug/kg/min step)  WEIGHT:0.1-300kg(0.1kg the least step)  Drug library Mode  Available (only for VP3)  Available (only for VP3)  KVO Rate  O.0~5.0ml/h. Programmable and adjust able  LOW: 60± (15) kPa MEDIUM:90± (15) kPa HIGH:120± (15) kPa HIGH:120± (15) kPa (Adjustable)  Alarms  Rate Abnormal , Door Open , Air-in-line , Occlusion , Bottle Empty , Battery Empty, No Battery, Key Holding During Infusion/Pause, Infusion Complete, No Action, Battery Low  Alarm volume  Three levels: LOW, MEDIUM or HIGH  Bolus function  Bolus function  Purge Rate  Programmable and adjustable  Interface  RS-232  Brightness  1~10 levels can be selected  History records  AC power supply:AC 100 to 240V(+/-10%) , 50/60Hz; DC Power supply:12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation  Protection Class  Class I, Type CF, IPX4	Accuracy	±2%
Volume limit range Total Volume Range  0.0-9999ml (1 ml step)  Volume:0.1-999.9mil(0.1ml step)  DRUG MASS:0.1-999.9mg (0.1mg step) DRUG MASS:0.1-999.9mg (0.1mg step) DOSE:0.001-9999ug/kg/min(0.001ug/kg/min step) WEIGHT:0.1-300kg(0.1kg the least step)  Drug library Mode Available (only for VP3)  KVO Rate Available (only for VP3)  KVO Rate DPS Occlusion Pressure  LOW: 60± (15) kPa MEDIUM:90± (15) kPa HIGH:20± (15) kPa (Adjustable)  Rate Abnormal , Door Open , Air-in-line, Occlusion , Bottle Empty , Battery Empty, No Battery, Key Holding During Infusion/Pause, Infusion Complete, No Action, Battery Low  Alarm volume  Three levels: LOW, MEDIUM or HIGH Bolus function Bolus rate:1.0-1200ml/h, Bolus volume:1.0-100ml Automatic/Manual , programmable and adjustable  Purge Rate Programmable and adjustable Interface RS-232 Brightness 1~10 levels can be selected History records  Power source  AC power supply:AC 100 to 240V(+/-10%) , 50/60Hz; DC Power supply:12-15V; power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation	Delivery rate range	0.1ml/h~1200ml/h(0.1ml step)
Total Volume Range  Volume:0.1-999.9ml(0.1ml step)  DRUG MASS:0.1-999.9mg (0.1mg step)  DOSE:0.001-9999.9mg (0.1mg step)  DOSE:0.001-9999.9mg (0.1mg step)  WEIGHT:0.1-300kg(0.1kg the least step)  Drug library Mode  Available (only for VP3)  Sequential mode  Available (only for VP3)  KVO Rate  DPS Occlusion Pressure  LOW: 60± (15) kPa MEDIUM:90± (15) kPa HIGH:120± (15) kPa (Adjustable)  Alarms  Rate Abnormal , Door Open , Air-in-line , Occlusion , Bottle Empty , Battery Empty, No Battery, Key Holding During Infusion/Pause, Infusion Complete, No Action, Battery Low  Alarm volume  Three levels: LOW, MEDIUM or HIGH  Bolus function  Bolus rate:1.0-1200ml/h, Bolus volume:1.0-100ml  Automatic/Manual , programmable and adjustable  Purge Rate  Programmable and adjustable  Interface  RS-232  Brightness  1-10 levels can be selected  History records  AC power supply:3C 100 to 240V(+/-10%) , 50/60Hz; DC Power supply:12-15V, power-15VV; Built-Intilmum Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation	Delivery time range	00h01min ~ 99h59min (1 min step)
Volume:0.1-999.9ml(0.1ml step) DRUG MASS:0.1-999.9mg (0.1mg step) DOSE:0.001-9999ug/kg/min(0.001ug/kg/min step) WEIGHT:0.1-300kg(0.1kg the least step)  Drug library Mode Available (only for VP3) Sequential mode Available (only for VP3)  KVO Rate DPS Occlusion Pressure LOW: 60± (15) KPa MEDIUM:90± (15) kPa HIGH:120± (15) kPa (Adjustable)  Rate Abnormal , Door Open , Air-in-line , Occlusion , Bottle Empty , Battery Empty, No Battery, Key Holding During Infusion/Pause, Infusion Complete, No Action, Battery Low, MEDIUM or HIGH Bolus function Bolus rate:1.0~1200ml/h, Bolus volume:1.0~100ml Automatic/Manual , programmable and adjustable Purge Rate Programmable and adjustable Interface RS-232 Brightness 1~10 levels can be selected History records  AC power supply:AC 100 to 240V(+/-10%) , 50/60Hz; DC Power supply:12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation  Class I, Type CF,IPX4	Volume limit range	0.0-9999ml (1 ml step)
DRUG MASS:0.1-999.9mg (0.1mg step) DOSE:0.001-9999ug/kg/mini(0.001ug/kg/min step) WEIGHT:0.1-300kg(0.1kg the least step)  Drug library Mode Available (only for VP3) Sequential mode Available (only for VP3)  KVO Rate DPS Occlusion Pressure LOW: 60± (15) kPa MEDIUM:90± (15) kPa HIGH:120± (15) kPa MEDIUM:90± (15	Total Volume Range	0.0-9999ml (1 ml step)
Sequential mode  Available (only for VP3)  KVO Rate  0.0~5.0ml/h. Programmable and adjust able  LOW: 60± (15) kPa MEDIUM:90± (15) kPa HIGH:120± (15) kPa (Adjustable)  Rate Abnormal , Door Open , Air-in-line , Occlusion , Bottle Empty , Battery Empty, No Battery, Key Holding During Infusion/Pause, Infusion Complete,No Action,Battery Low  Alarm volume  Three levels: LOW, MEDIUM or HIGH  Bolus function  Bolus rate:1.0~1200ml/h, Bolus volume:1.0~100ml Automatic/Manual ,programmable and adjustable  Purge Rate  Programmable and adjustable  Interface  RS-232  Brightness  1~10 levels can be selected  History records  AC power supply:AC 100 to 240V( +/-10%) , 50/60Hz; DC Power supply:12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation  Protection Class  Class I, Type CF,IPX4	Dose Mode	DRUG MASS:0.1-999.9mg (0.1mg step)  DOSE:0.001-9999ug/kg/min(0.001ug/kg/min step)
KVO Rate  DPS Occlusion Pressure  LOW: 60± (15) kPa MEDIUM:90± (15) kPa HIGH:120± (15) kPa HIGH:120± (15) kPa (Adjustable)  Rate Abnormal , Door Open , Air – in – line , Occlusion , Bottle Empty , Battery Empty, No Battery, Key Holding During Infusion/Pause, Infusion Complete, No Action, Battery Low  Alarm volume  Three levels: LOW, MEDIUM or HIGH  Bolus function  Bolus rate: 1.0~1200ml/h, Bolus volume: 1.0~100ml Automatic/Manual ,programmable and adjustable  Purge Rate  Programmable and adjustable  Interface  RS-232  Brightness  1~10 levels can be selected  History records  AC power supply: AC 100 to 240V( +/-10%) , 50/60Hz; DC Power supply: 12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation  Protection Class  Class I, Type CF,IPX4	Drug library Mode	Available (only for VP3)
DPS Occlusion Pressure  LOW: 60± (15) kPa MEDIUM:90± (15) kPa HIGH:120± (15) kPa (Adjustable)  Rate Abnormal , Door Open , Air – in – line , Occlusion , Bottle Empty , Battery Empty, No Battery, Key Holding During Infusion/Pause, Infusion Complete, No Action, Battery Low  Alarm volume  Three levels: LOW, MEDIUM or HIGH  Bolus function  Bolus rate: 1.0~1200ml/h, Bolus volume: 1.0~100ml Automatic/Manual , programmable and adjustable  Purge Rate  Programmable and adjustable  Interface  RS-232  Brightness  1~10 levels can be selected  History records  AC power supply: AC 100 to 240V(+/-10%) , 50/60Hz; DC Power supply: 12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation  Protection Class  Class I, Type CF,IPX4	Sequential mode	Available (only for VP3)
HIGH:120± (15) kPa (Adjustable)  Rate Abnormal , Door Open , Air−in−line , Occlusion , Bottle Empty , Battery Empty, No Battery, Key Holding During Infusion/Pause, Infusion Complete, No Action, Battery Low  Alarm volume Three levels: LOW, MEDIUM or HIGH  Bolus function Bolus rate:1.0~1200ml/h, Bolus volume:1.0~100ml Automatic/Manual ,programmable and adjustable  Purge Rate Programmable and adjustable  Interface RS-232  Brightness 1~10 levels can be selected  History records 2000 events stored can be checked and downloaded  AC power supply:AC 100 to 240V(+/-10%) , 50/60Hz; DC Power supply:12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation  Protection Class Class I, Type CF,IPX4	KVO Rate	0.0~5.0ml/h. Programmable and adjust able
Alarms  Battery Empty,No Battery,Key Holding During Infusion/Pause, Infusion Complete,No Action,Battery Low  Three levels: LOW, MEDIUM or HIGH  Bolus function  Bolus rate:1.0~1200ml/h, Bolus volume:1.0~100ml Automatic/Manual ,programmable and adjustable  Purge Rate  Interface  RS-232  Brightness  1~10 levels can be selected  History records  Power source  Power supply:AC 100 to 240V(+/-10%), 50/60Hz; DC Power supply:12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation  Protection Class  Class I, Type CF,IPX4	DPS Occlusion Pressure	
Bolus rate:1.0~1200ml/h, Bolus volume:1.0~100ml Automatic/Manual ,programmable and adjustable  Purge Rate Programmable and adjustable  RS-232 Brightness 1~10 levels can be selected History records  AC power supply:AC 100 to 240V( +/-10%) , 50/60Hz; DC Power supply:12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation  Protection Class  Bolus rate:1.0~1200ml/h, Bolus volume:1.0~100ml Automatic/Manual ,programmable and adjustable  Programmable and adjustable  RS-232  Brightness 1~10 levels can be selected 2000 events stored can be checked and downloaded  AC power supply:AC 100 to 240V( +/-10%) , 50/60Hz; DC Power supply:12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh.	Alarms	Battery Empty, No Battery, Key Holding During Infusion/Pause,
Automatic/Manual ,programmable and adjustable  Purge Rate Programmable and adjustable  Interface RS-232  Brightness 1~10 levels can be selected  History records 2000 events stored can be checked and downloaded  AC power supply:AC 100 to 240V( +/-10%) , 50/60Hz; DC Power supply:12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation  Protection Class Class I, Type CF,IPX4	Alarm volume	Three levels: LOW, MEDIUM or HIGH
Interface RS-232  Brightness 1~10 levels can be selected  History records 2000 events stored can be checked and downloaded  AC power supply:AC 100 to 240V( +/-10%) , 50/60Hz; DC Power supply:12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation  Protection Class Class I, Type CF,IPX4	Bolus function	
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History records  2000 events stored can be checked and downloaded  AC power supply:AC 100 to 240V( +/-10%) , 50/60Hz;  DC Power supply:12~15V, power>15W;  Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh.  12 hours of continuous operation  Class I, Type CF,IPX4	Interface	RS-232
AC power supply:AC 100 to 240V( +/-10%) , 50/60Hz;  DC Power supply:12~15V, power>15W;  Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh.  12 hours of continuous operation  Class I, Type CF,IPX4	Brightness	1~10 levels can be selected
Power source  DC Power supply:12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation  Protection Class  Class I, Type CF,IPX4	History records	2000 events stored can be checked and downloaded
	Power source	DC Power supply:12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh.
Dimension /N.W 120mm*100mm*215mm , 1.7kg	Protection Class	Class I, Type CF,IPX4
	Dimension /N.W	120mm*100mm*215mm , 1.7kg

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