

AniFM S3

Infusion Pump
Datasheet



Physical Specifications

Weight	≤ 1.7kg (with normal battery, without pole clamp) ,Pole clamp ≤ 0.15kg
Size	≤ 252x 118 x134mm
Screen	3.5 inch capacitive touchscreen, TFT color LCD, ≥320x480 pixels
Brightness	1-8 levels, adjustable
Display	Support large font view (customized information: flow rate, dose rate, VTBI, remaining time etc.); patient information, infusion information, alarm information, system status information
Syringe loading	Bolus GUARD: avoid accident bolus to patient when syringe loading

Parameters Specifications

Accuracy	≤ ±1.8%
Mode	Rate mode, Dose Mode, Time mode, Dose Time Mode, Sequential Mode, Intermittent Mode, Loading Dose Mode, Ramp Mode, Micro-infusion Mode, Application supported Enteral nutrition feeding, and blood transfusion
Flow rate	0.10ml/h - 2300ml/h (0.10-2000ml/h for blood transfusion)
Increment	0.01ml/h (0.10-99.99ml/h),0.1ml/h (100-999.9ml/h),1ml/h (1000-2300ml/h)
Preset volume (VTBI)	0.10 - 9999.99ml (increment: 0.01ml)
Preset time	00:00:01 - 99:59:59
Accumulated volume	0.00 - 99999.99 ml, increment: 0.01ml
KVO	0.01 - 5.0ml/h, increment: 0.01ml/h
Purge rate	0.01 - 2300ml/h
Bolus rate	0.01 - 2300ml/h (automatic or manual)
Bolus volume	0.01 ml to the maximum volume of current syringe
Occlusion detection	50-1125mmHg, support 1mmHg increment 15 levels selectable, default is 450 mmHg Pre-alarm: an alert will pop out when the pressure is continuously going up Auto-restart: On/Off, restart the infusion when the occlusion pressure is reduced. 4 units of pressure selectable: mmHg/kPa/bar/psi
Anti-bolus	Unexpected bolus reduced when the occlusion occurs
Dose rate units	ng/kg/min, ng/kg/h, ng/kg/24h, ug/kg/min, ug/kg/h, ug/kg/24h, mg/kg/min, mg/kg/h, mg/kg/24h, g/kg/min, g/kg/h, g/kg/24h, mU/kg/min, mU/kg/h, mU/kg/24h, U/kg/min, U/kg/h, U/kg/24h, kU/kg/min, kU/kg/h, kU/kg/24h, EU/kg/min, EU/kg/h, EU/kg/24h, mmol/kg/min, mmol/kg/h, mmol/kg/24h, mol/kg/min, mol/kg/h, mol/kg/24h,

	mcal/kg/min, mcal/kg/h, mcal/kg/24h, cal/kg/min, cal/kg/h, cal/kg/24h, kcal/kg/min, kcal/kg/h, kcal/kg/24h, mEq/kg/min, mEq/kg/h, mEq/kg/24h
Auto-lock time	1 -5 minutes selectable, ON/OFF switchable
History log	up to 5000 events
Volume collection	4 methods: 24h total, current total, period, timing volume, support history rate review
Para. Memory	Previous therapy parameters will be loaded
Drug list	Up to 5000 drugs,30 categories,support color-coding drug name

IV administration sets

Compatibility	2/3/5/10/20/30/50/60ml; Automatic recognition of syringe size
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Alarms

Type	Audible and visual alarm
2Levels	High: Occlusion/ Syringe empty/ Syringe Disengaged/ Plunger Grippers Error / Battery Depleted/ VTBI Complete/ KVO Finish/ Relay Invalid/ System Error/ No Syringe, etc. Low: KVO Running/ Battery in Use/ Battery Error/CMS/eGW Disconnected/ Standby Time Expired/ System Time Error/ Relay Invalid Soon/ Time Near End/ Reminder/ Low Battery/ Syringe Near Empty, etc.
Sound volume	1-8 levels selectable, default is level 6
Reminder	1-5 minutes selectable, ON/OFF switchable

Connectivity

Communication	Wireless
USB	Support drug library import, patient data import/export, history record export, calibration data import/export
Multifunctional	RS232,nurse call connector, DC adapter connector
Integration	Connect with BeneVison Central Monitoring System(CMS)

Battery

Operating time	≥ 6.5 hours at 5ml/h
Charging time	≤ 5 hours to full capacity
Power Supply	Voltage 100-240 V~,frequency 50/60Hz,current 0.3-0.13A

Work Environment

Temperature	5-40°C for operating, -20-60 °C for storage
Relative humidity	15-95% for operating,10-95% for storage
Atmosphere pressure	57.0-107.4 kPa for operating,16.0-107.4 kPa for storage
Classification	Type CF, Class I, IP44