

AniFM I3

Infusion Pump

Datasheet



## Physical Specifications

|            |                                                                                                                                                                                            |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Weight     | ≤ 1.3kg (with normal battery, without pole clamp); Pole clamp ≤ 0.15kg                                                                                                                     |
| Size       | ≤ 125 x 95 x 186mm                                                                                                                                                                         |
| 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 |

## Parameters Specifications

|                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accuracy                                                                                                                         | ≤ ±4.5 % (for recommended sets)                                                                                                                                                                                                                                                                                                                                                                              |
| Optional: support real-time monitoring and automatic correction of infusion accuracy by Smart accurate™ technology and accessory |                                                                                                                                                                                                                                                                                                                                                                                                              |
| Mode                                                                                                                             | Rate mode, Dose Mode, Time mode, Dose Time Mode, Sequential Mode, Intermittent Mode, Loading Dose Mode, Ramp Mode, Micro-infusion Mode, Drip Mode, Rhythm Dose                                                                                                                                                                                                                                               |
| Application supported IV drug infusion, enteral nutrition feeding, and blood transfusion                                         |                                                                                                                                                                                                                                                                                                                                                                                                              |
| Flow rate                                                                                                                        | 0.10ml/h - 2000ml/h                                                                                                                                                                                                                                                                                                                                                                                          |
| Increment                                                                                                                        | 0.01ml/h (0.10-99.99ml/h), 0.1ml/h (100-999.9ml/h), 1ml/h (1000-2000ml/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                                                                                                                              | 0.1 - 5.0ml/h, increment: 0.01ml/h                                                                                                                                                                                                                                                                                                                                                                           |
| Purge rate                                                                                                                       | 0.1 - 2000ml/h                                                                                                                                                                                                                                                                                                                                                                                               |
| Bolus rate                                                                                                                       | 0.1 -2000ml/h (automatic or manual)                                                                                                                                                                                                                                                                                                                                                                          |
| Occlusion detection                                                                                                              | 50-1125mmHg, support 1mmHg increment<br>Default 15 levels, default 450 mmHg<br>Customized alarm levels<br>Pre-alarm: an alert will pop out when the pressure is continuously going up<br>Auto-restart: On/Off, restart the infusion when the occlusion pressure is reduced.<br>4 units of pressure selectable:<br>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                               |
| Air bubbles detection | 6 levels selectable: 15/50/100/250/500/800μL, accumulate air: 0.1-1.0ml/15min          |
| History log           | up to 5000 events                                                                      |
| Para. Memory          | Previous therapy parameters will be loaded                                             |
| Auto-lock time        | 1 -5 minutes selectable, ON/OFF switchable                                             |
| Volume collection     | 4 methods: 24h total, current total, period, timingvolume, support history rate review |
| Drug list             | Up to 5000 drugs,30 categories, support color-coding drug name                         |

## IV administration sets

|               |                   |
|---------------|-------------------|
| Compatibility | Universal IV sets |
|---------------|-------------------|

## Alarms

|              |                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type         | Audible and visual alarm                                                                                                                                                                                                                                                                                                                                                                    |
| 2Levels      | High: Air in Line/ Accumulated Air/ Empty/ Drop Error/ Downstream Occlusion/ Infusion Set Disengaged/ No Infusion Tube/ Infusion Set Error /No Drop Sensor/ Battery Depleted/ VTBI Complete/ KVO Finish/ System Error, etc.<br><br>Low: KVO Running/ Battery in Use/ Battery Error/ CMS/eGW Disconnected/ Standby Time Expired/ System Time Error/Time Near End/ Reminder/Low Battery, etc. |
| Sound volume | 1-8 levels selectable, default is level 4                                                                                                                                                                                                                                                                                                                                                   |
| Reminder     | 1-5 minutes selectable, ON/OFF switchable                                                                                                                                                                                                                                                                                                                                                   |

## Connectivity

|                 |                                                                                                             |
|-----------------|-------------------------------------------------------------------------------------------------------------|
| Communication   | Wireless                                                                                                    |
| USB             | Support drug list 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 | ≥ 5.5 hours at 25ml/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                                   |

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