# SYS-50 VET Syringe Pump



**Simple and Comfortable**
3.5'' Touch screen operation

**Information interconnection**
Can connected to HIS/CIS via WLAN or LAN

**Innovative and Safe**
Internal battery up to 20 hours continuous power supply

## Specifications

| | |
|---|---|
| Dimension | 362(L) x 126(W) x 151(H) mm |
| Weight | 1.8kg (including battery) |
| Screen | 3.5 inch LCD touch screen |
| Classification | Defibrillation-proof type CF applied part, IP34 |
| Syringe types | All standard syringe of 5ml, 10ml, 20ml, 30ml, 50ml, 60ml |

## Basic Parameter

| | |
|---|---|
| Infusion modes | Rate, Time, Weight, Sequence, Trapezia, Loading dose, Micro, TIVA |
| Infusion rate range | 0.1-2000 (ml/h), minimum increments 0.01 ml/h |
| VTBI range | 0.1-9999 ml |
| Accumulated volume | 0-9999.99 ml |
| Accuracy | ± 2% |
| KVO rate | 0.1 - 5 ml/h |
| Bolus rate | 0.1-2000 ml/h |
| Occlusion level | 11 levels selectable, 225mmHg – 975mmHg |

## Special Function

| | |
|---|---|
| Recent therapy | 20 recent therapies are recorded and can be directly used by simple selection |
| Rate change during infusion | Infusion rate can be changed during infusion without stop |
| Auto screen lock | Available |
| Repeat alarm | Alarm sounds again in 2min, if there is still any errors after the alarm is muted |
| Storage | Maximum 2000 records can be stored and reviewed |
| Sound Volume | 10 levels selectable |
| Power supply switching | When AC/DC power supply is cut off, the infusion automatically switch to internal battery supply |

## Power Supply

| | |
|---|---|
| AC power | 100 -240, 50/60 Hz, 40 VA input power |
| External DC power | DC 12 V, 1.5 A |
| Internal battery | Lithium battery 10.8 V, 2600 mAH |

**Battery & Charging time**

| Configuration | Fast charging time (Power off) | Normal charging time (Power on) | Battery Operation time |
|---|---|---|---|
| One 2600mAh @10.8V battery | Within 5 hours | Within 10 hours | Not less than 10 hours (Two channels) |
| Two 2600mAh @10.8V batteries | Within 10 hours | Within 20 hours | Not less than 20 hours (Two channels) |

NOTE: Infusion at 5ml/h with new battery under room temperature

## Alarm

Near Finished, Finished, Syringe Empty, Syringe Near Empty, OCCL, Pressure Alarm, Low Battery, Battery Empty, No Battery, No Power Supply, Syringe Unknown, Syringe Install Error, Standby End, Syringe Start Fail, Reminder Alarm, Tube Off (only 30, 50/60ml syringe)

## Connectivity

| | |
|---|---|
| WiFi / Wired | Available |
| Data interface | USB |

## Safe Conditions

| | Temperature: | Humidity: | Pressure altitude |
|---|---|---|---|
| Operating conditions | 5ºC to 40ºC | 15% to 95% RH, non-condensing | 54.0 kPa – 106.0 kPa |
| Storage conditions | -20ºC to +50ºC | 10% to 93% RH, non-condensing | 22.0 kPa – 107.4 kPa |

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