

COMEN



Functions

Function (M200): Rate Mode , Time Mode, Weight Mode, Intermittent Administration Mode, TIVA Induction Mode

Function (M200A): Rate Mode

Range of Rate

- a) 5ml syringe: 0.1ml/h~100ml/h (step size: 0.1ml/h; error: $\pm 3\%$);
- b) 10ml syringe: 0.1ml/h~300ml/h (step size: 0.1ml/h; error: $\pm 3\%$);
- c) 20ml syringe: 0.1ml/h~400ml/h (step size: 0.1ml/h; error: $\pm 3\%$);
- d) 30ml syringe: 0.1ml/h~600ml/h (step size: 0.1ml/h; error: $\pm 3\%$);
- e) 50ml syringe: 0.1ml/h~1200ml/h (step size: 0.1ml/h; error: $\pm 3\%$).

Range of preset total volume: 0.1~9999.9ml

Range of KVO Rate

- a) KVO rate of injection pump M200: 0.1ml/h~5.0ml/h.
- b) KVO rate of injection pump M200A: 0.5ml/h.

Range of total volume

- a) Range of Total Volume Infused:0.1~9999.9ml , Display Resolution: 0.1ml.
Performance of the base (for injection pump M200 only)

Time mode

- 1.Preset Dose: 0.1ml~9999.9ml.
- 2.Preset time range: 1min~5999min.

Weight mode

- 1. Weight range:1kg~250kg.
- 2.Drug concentration range: 0.001 μ g/ml~999.999 μ g/ml.

Intermittent Administration Mode

- 1.Injection rate range:

- a) 5ml syringe: 0.1ml/h~100ml/h (step size: 0.1ml/h);
 - b) 10ml syringe: 0.1ml/h~300ml/h (step size: 0.1ml/h);
 - c) 20ml syringe: 0.1ml/h~400ml/h (step size: 0.1ml/h);
 - d) 30ml syringe: 0.1ml/h~600ml/h (step size: 0.1ml/h);
 - e) 50ml syringe: 0.1ml/h~1200ml/h (step size: 0.1ml/h).
2. Injection Volume range: 0.1ml~50ml.
3. Time Interval: 1min~120min.

TIVA mode

1. Weight: 1kg~250kg. 2. Drug Concentration: 0.001 μ g/ml~999.999 μ g/ml.
3. Induce Dose: 0.001ug/kg~999.999ug/kg. 4. Induce Time: 1s~1200s.

Block pressure alarm limit

1. Level mode

Three block pressure alarm levels: Low: 300mmHg; Medium: 600mmHg; High: 900mmHg;
Error: \pm 100mmHg.

2. Value mode (for injection pump M200 only); block pressure alarm limit: 50mmHg~1000mmHg.
Alarms: alarm for residual indicator, alarm for infusion completion, alarm for tube block, alarm for Unclamped barrel, alarm for improperly installed plunger, alarm for speed out of range, alarm for output volume equivalent to limited amount, alarm for power cord falloff, alarm for battery used Up, alarm for system error, alarm for neglected operation

Power supply

- a) AC power supply: 100V-240V \sim , 50/60Hz
- b) M200A built-in battery: DC11.1V rechargeable lithium-ion battery; the fully charged battery allows over 8.0h working time at the rate of 5ml/h.
- M200 base built-in battery: DC11.1V rechargeable lithium-ion battery; the fully charged battery allows the base to work for over 8h .

Operating environment conditions:

- a) Range of ambient temperature: 5 $^{\circ}$ C ~40 $^{\circ}$ C
- b) Range of relative humidity: 20%~90%
- c) Range of atmospheric pressure: 700hPa~1060hPa
- d) Power supply: 100V-240V \sim , 50/60Hz
- e) Built-in battery: DC 11.1V
- f) The syringe pump should work in an environment without strong impact, vibration or corrosive gas and where water and other fluids cannot flow into the device.

Transportation and storage conditions:

- a) Range of ambient temperature: - 40 $^{\circ}$ C ~ + 60 $^{\circ}$ C
- b) Range of relative humidity: \leq 90%
- c) Range of atmospheric pressure: 700hPa ~ 1060hPa

Specifications subject to change without notice

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