



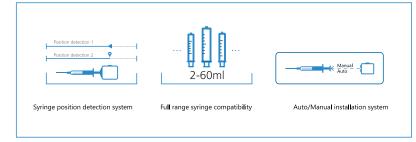
## A great step in innovation

## **HP-30** Syringe Pump











## **Basic Parameter**

Infusion mode Rate Mode, Time Mode, Weight Mode, Sequence Mode, Trapezia Mode,
Micro Mode, LoadingDose Mode, Relay Mode, TIVA Mode, and PCA Mode (optional)

PCA modes of Delivery P mode, CP mode, LCP mode and PIEB mode

Infusion rate range 0.01-60.0 ml/h (2ml syringe) 0.01-90.0ml/h (3ml syringe)

0.01-150.0 ml/h (5ml syringe) 0.10-300.0ml/h (10ml syringe)

0.10-1000 ml/h (20ml syringe) 0.10-900ml/h(30ml syringe)

0.10-2200 ml/h (50/60ml syringe)

Minimum increment of 0.01~99.99ml/h (minimum increment: 0.01ml/h)

infusion rate 100.0~999.9ml/h (minimum increment: 0.1ml/h)

1000~2200ml/h (minimum increment: 1ml/h)

VTBI range 0.01~9999.99ml (minimum increment: 0.01ml)

Preset time 00:00:01~99:59:59 (minimum increment: 1s)

Total volume display 0~9999.99ml (minimum increment: 0.01ml)

Accuracy Infusion accuracy≤ ±2 % Mechanical accuracy≤ ± 0.5%

KVO rate 0.10~5.00ml/h (minimum increment: 0.01ml/h)

Adaptive KVO available, can adjust KVO rate according to the infusion rate

Bolus & Purge rate 0.01-60.00(ml/h) (2ml syringe) 0.01-90.00(ml/h) (3ml syringe)

0.01-150.0(ml/h) (5ml syringe) 0.10-300.0(ml/h) (10ml syringe) 0.10-600(ml/h) (20ml syringe) 0.10-900 (ml/h) (30ml syringe)

0.10-2000 (ml/h) (50/60ml syringe)

Bolus VTBI 0.1-2.0 ml/h (2ml syringe) 0.1-3.0ml/h (3ml syringe)

0.1-5.0ml/h (5ml syringe) 0.1-10.0ml/h (10ml syringe) 0.1-20.0ml/h (20ml syringe) 0.1-30.0ml/h (30ml syringe)

0.1-50.0ml/h (50/60ml syringe), Minimum increment for all: 0.01ml

3 bolus ways selectable Automatic/Manual/Semi-Auto bolus

Occlusion level Patient side occlusion: 150~975mmHg

12 levels are available for selection

**Alarm** 

Visual & acoustic alarm Infusion End, BAT Empty, Patient Side OCCL, Infusion End KVO Start, KVO End,

Relay Failed, Syringe Empty, Holder Error, Drive Head ERR, Standby End, Infusion Near End, No Battery, No AC Power, BAT Low, Reminder Alarm, Syringe Near Empty, PCA 1h overrun, and PCA 4h overrun, Pre OCCL, Tube Off, Drive Head Position ERR

**Special function** 

Recent therapy 20 recent therapies are recorded and can be used for rapid infusion

Rate change in infusion Infusion rate can be changed anytime during infusion, no need to stop the infusion

Relay function Continuous infusion among multiple pumps, guarantee non-stop therapies for

sensitive drugs. Support single drug relay and multi drug relay

Drug library Built-in drug library with Dose error reduction system

DoseControl mode Support maximum 30 profiles (clinical care area) and 5000 drugs

Maximum 1000 drugs in every profile (clinical care area)

Programmable drug library information and pump configuration

Screen lock Both Manual screen lock and Auto screen lock are available
Anti-Bolus Anti-Bolus function available, unintended bolus ≤0.2ml

Repeat alarming Alarm sounds again in 2 minutes if there is still alarm after alarm is muted

Event recording Maximum 3000 events can be stored for review

Sound Volume 12 levels selectable

Power supply switching When AC/DC power supply is cut off, the infusion automatically switch to internal

battery supply

Syringe installation Manual Installation; Auto Installation; Auto-Manual Installation

Power supply

AC power 100 -240 V, 50/60 Hz, power consumption 45 VA

External DC power DC 12 V, 2.5 A

Internal battery Lithium battery 10.8 V, 3000mAh

Battery duration 10 hours @5ml/h with a new battery

Charging time No longer than 4 hours (the pump is powered off during the charge)



2

