

# FROM GOOD FROM GOOD TO GREAT TO GREAT



HP Series Infusion System



**MEDCAPTAIN MEDICAL TECHNOLOGY CO., LTD.**



Address: 21-23 F, Unit A, Building 7, Phase 3 of Shenzhen International Innovation Valley, Liuxin Fourth Street, Xili, Nanshan District, Shenzhen City

Tel: +86 755 26953369 E-mail: [info@medcaptain.com](mailto:info@medcaptain.com)  
Fax: +86 755 26001651 Website: [www.medcaptain.com](http://www.medcaptain.com)

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EN-HP Series -10P-Version 2.1



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# FROM GOOD TO GREAT



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## Innovation is only the beginning

Our innovation is based on a full consideration of safety , accuracy and ease-of-use in clinical applications. It is representing the most cutting-edge technology in the global infusion field, while providing a view of future infusion .

## HP series infusion system

Grounded in clinical studies of different environments, it is designed to fulfill the needs of different departments in a single device.

**One device for all therapies** with a wide range of customization possibilities, including various options for your department.

### More than 300 international patents 37 software copyrights

We have been pursuing a higher level of quality and a new technical revolution all along. The future is here now for you to experience!





## HP series pumps: Different solutions, all in one

### Medical grade touchscreen

When every second counts with a wide angle of view.

### Triple proof housing

Corrosion, leakage and impact resistant.

### Various data interface

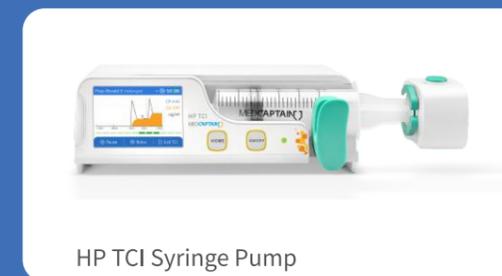
Infusion information technology is bringing new possibilities.



HP-60 Infusion Pump



HP-30 Neo Syringe Pump



HP TCI Syringe Pump



HP-30 Syringe Pump

# HP-60 Series Infusion Pump

- HP-60 is suitable for Blood transfusion, total parenteral nutrition (TPN) therapy and oncology therapy
- When working with Medcaptain brand silicon IV set, the accuracy of HP-60 can be less than 3%.



Blood Transfusion

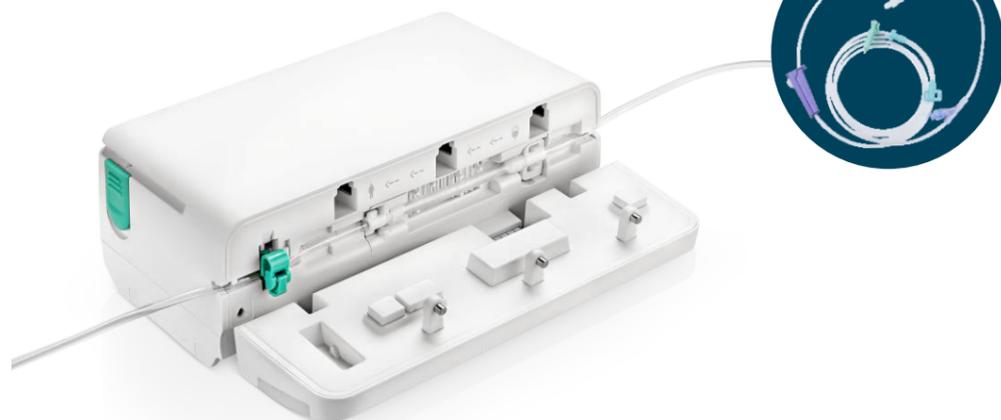


TPN/Enteral Nutrition



Oncology Therapy

Auto anti-free-flow system completely removes the risk of free flow.



1STEP

### One step IV set installation

Patented single-step IV set loading method. Automatically identifies the tube status. Make infusion tube installation safe and convenient.

0.2ml Anti-bolus

### Anti-bolus system

Reduces significantly bolus after occlusion release at 0.2ml maximum, the safest option for your patient.



### Self-adapting peristaltic System

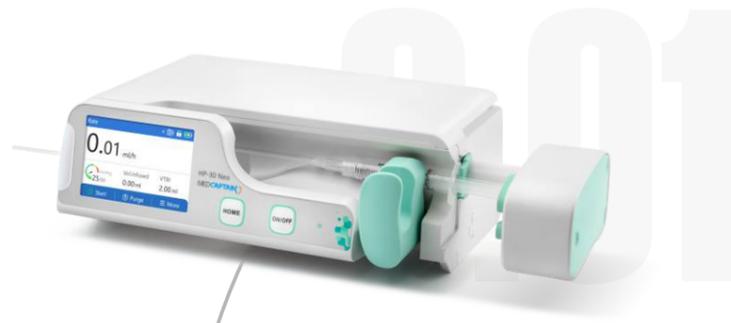
#### Automatic adjustment for each infusion

Innovative infusion method, ensuring the accuracy and safety of infusion. Different therapies can be applied in one pump.

# HP Series Syringe Pump

- HP series syringe pump is designed to be a platform for different applications.
- It provides assistance for the therapies in different departments.

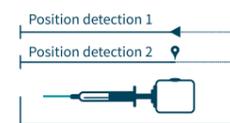
HP-30 Neo  
Rate starts at 0.01ml/h



HP TCI  
Multi PK/PD models available

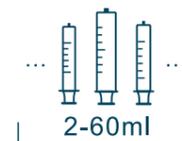


HP-30 with PCA  
PCA function optional



## Unique double position detection system

The syringe movement can be monitored in two positions in real time, thus greatly improving the accuracy of infusion.



## Full-range syringe compatibility

Applicable to 2ml, 3ml, 5ml, 10ml, 20ml, 30ml, 50ml, 60ml syringes when great accuracy meet prominent precision.



## Auto Manual Installation System(AMIS)

Manual installation: Catching time during emergency treatment.

Auto installation: The syringe can be grasped and fastened automatically to ensure excellent pump performance.

# DoseControl™

## Professional drug library solution, a new level of infusion management

The highest risk of medication errors occurs during administration. Because of the increased risk and potential for error, DoseControl has been developed to help eliminate errors that occur during the infusion of intravenous medications.

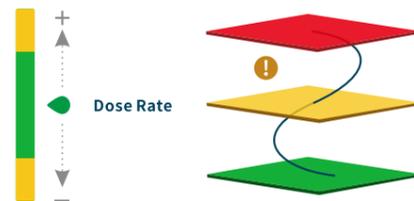
One small step in DoseControl, one giant leap for controlled dose.



### Safety

#### Smart pump, safe therapy

- DERS limitation, no overdose anymore
- Clear alert and record for soft-limit exceed
- Secured software editing and uploading process



### ISO Standardization

#### Professional solution guided by standard

- Comply with ISO 26825 color label standard, drug recognition at a glance
- Seamless infusion workflow with standard drug information
- Straight forward operation, little training time required



### Customization

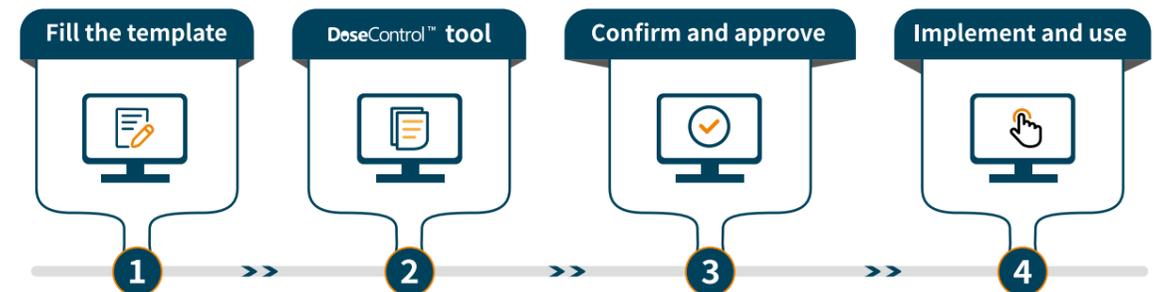
#### The pump specially for your department

- Fast profile set up and selection
- Default pump configuration editable
- Reduce programming time, few click away to start your infusion



#### ISO 26825 color label standard

Propofol mg/mL	Midazolam mg/mL	Atracurium mg/mL	Atropine mg/mL
Fentanyl mcg/mL	Ephedrine mg/mL	Lidocaine %	Droperidol mg/mL



#### Simple process to a professional solution



# Infusion Workstation: A Great Step in Innovation

## Multi-channel Infusion Management

Modular design, enabling random combinations of infusion pump(s) and syringe pump(s)

## Excellent Space Management

Flexible design, optimizing the space at bedside.

## Smart Pump Management

Simultaneous alarm system and automatic pump synchronization make the management easier and smarter.



HP-80  
Infusion Workstation



MS-100  
Infusion Workstation



HP-80 MRI  
Infusion Workstation

# HP-80 infusion Workstation

## RelayControl™

Globally unique infusion workstation featuring both Multi-Drug Relay and Single Drug Relay, providing a perfect and considerate work mode for clinical application.

## Flexible assembling and free combination

Easy extension up to multi-channel without any tools



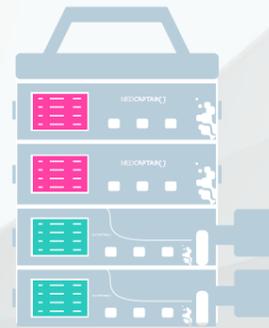
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Single Drug Relay



Multi-Drug Relay



Relay Groups



4



8



12





# MS-100 Infusion Workstation

MS-100 is a novel programming station that expands the management of Medcaptain HP Series Infusion System.

The station offers an extra interface to control and monitor the pumps from a distance and beyond barriers.

This new technology provides wider application possibilities and eases workload for complex treatments (e.g. barrier nursing or radiotherapy treatment situations).



**Pioneering with each touch forward**  
Responsive 21.5 inches screen



**Navigating care near at hand**  
Rotatable from 0° to 90°



**Further Control, Closer Protection**  
Remotely controllable from distance.

# HP-80 MRI Infusion Workstation

Integrated Solution for Safe Infusion in MRI Environments

**HP-80 MRI Infusion Workstation** delivers affordable innovation which enables interference-free infusions and image quality during MRI examination.

## More Flexibility

Enables continuous infusion of critical infusions and sedations during MRI procedure without interruptions.

Syringe/Infusion pumps free combination

## Designed for the MRI environments

MagArmor™ indicator enables safe installation of the HP-80 MRI as well as continuous monitoring of magnetic flux density with the installed alarm system.



MS-100 Infusion Workstation

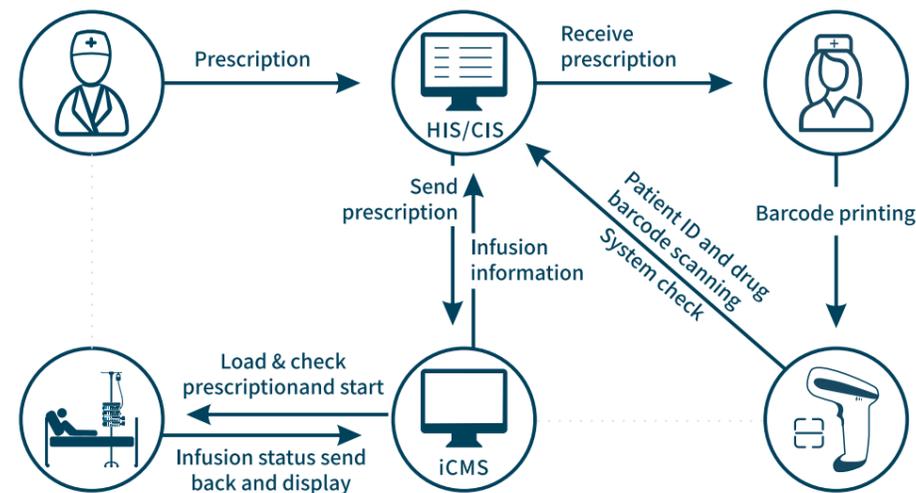
# Advanced Infusion Information Technology



## Infusion prescription management system

Combined with a new drug information system, patient identification and health care worker authorization combines all relevant information to create a closed-loop drug administration system.

A quadruple safety system, operated by two-dimensional bar code scanning, dramatically reduce dose infusion errors and guarantee patient safety to the maximum.



## Unlimited connectivity

Variety of data ports are available for data exchange, including USB2.0 and USB3.0, combined with RJ45 LAN and Wi-Fi network access.

Compatibility to the highest encryption standards, Medcaptain always ensures reliable information transmission at all levels.

iCMS infusion central monitoring system supports connectivity to any hospital information system (HIS) or clinical information system (CIS) via HL7 protocol.

