

Name	MS-100 Infusion Workstation	
Model	MS-100	
MS-100 monitor	Dimension	539.6 (L) x 45.5 (W) x 342.6 (H) m
	Weight	6.6kg
	Screen	21.5-inch PCAP multi touch
Infusion Channels	Up to 12 channels	
Compatible Pumps Models	HP series pumps	
Infusion rate	HP-30 series	0.01-2200ml/h
	HP-60 series	0.1-1200ml/h
Drug library	Up to 5000 drugs can be built-in	
Infusion history	Up to 168 hours	
Networking	Wired networking is supported	
Power Supply	AC power supply: 100-240 V, 50/60 Hz Input power: 600VA (200VA per cabinet body, a maximum of 3 cabinet bodies can be combined)	
Main safety standard	IEC 60601-1:2005+A1:2012 IEC60601-1-8:2012 IEC 60601-1-2:2014 IEC60601-2-24:2012	
Storage and Shipping conditions	Temperature: -20°C~+55°C Humidity: 10%~95% RH, non-condensing Pressure altitude: 70.0kPa~106.0kPa	



MS-100 Infusion Workstation

Remotely controlled infusion system
Bridging the distance, Caring for your health

MEDCAPTAIN

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DISTRIBUTOR:

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MS-100 Infusion Workstation

MS-100 is used by medical institutions in combination with HP series pumps to form a multi-channel infusion workstation according to clinical infusion requirements.

MS-100 controls the infusion therapy, bridges the distance and leads us into a new era of infusion management. It is crucial for health care systems in terms of radiation protection, cross-contamination control and space management.



**Drug Lib,
Color-coding**

- Built-in DERS drug library with range indicator
- Color-coded drug labels for different drug groups



**Smart Relay,
Continuous Infusion**

- Easy relay setting
- Unique relay group function



Infusion Workstation

Max. **12** channels

Remotely Controlled

MRI environment



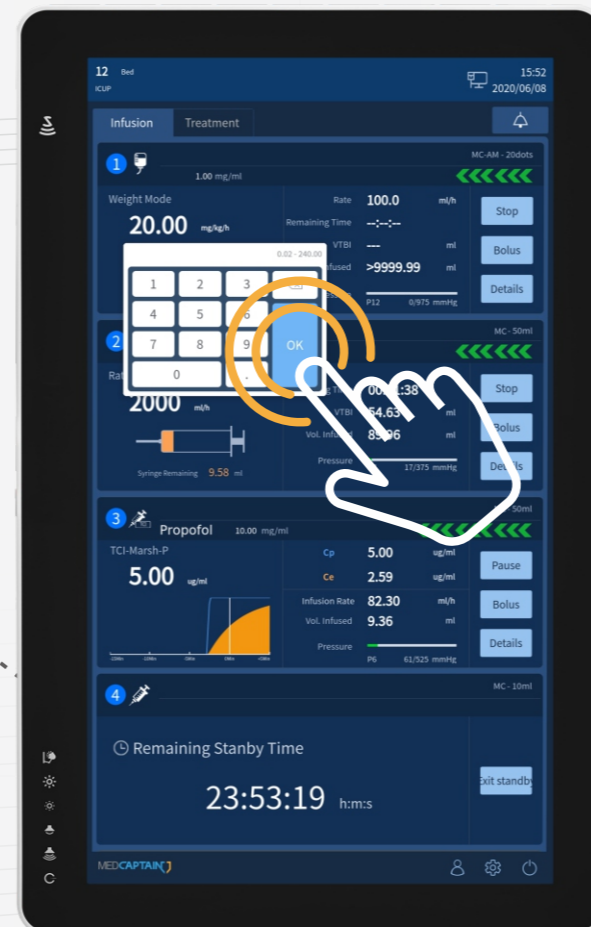
HP-80 MRI Infusion Workstation

UP to **100** meters

Bridging the distance



Navigating care
near at hand rotatable from 0° To 90°



Protect anesthesiologists from radiation exposure in interventional radiology procedures



Cross-contamination management in isolation wards

Application

MS-100 Infusion Workstation

“Remote control” refers to the operation of a medical device from a location not co-located with the patient, or medical device.

As the remotely controlled infusion system, combined with HP series pumps, MS-100 provides various integrated solutions applicable to different situations: Interventional radiology procedures such as DSA, radioisotope therapy, isolation rooms, hybrid operating rooms equipped with fixed C-arms, CT scanners or MRI equipment, etc. MS-100 infusion workstation bridges the distance while providing infinite care in critical moments.



Interventional Radiology Procedure



Isolation Room



Hybrid operating room



Intraoperative MRI



MRI room



MS-100 Infusion Workstation



Interventional radiology procedures

Protects anesthesiologists

from radiation exposure during interventional radiology procedures such as DSA, radioisotope therapy, etc.

All medical personnel working in the vicinity of radiation sources should wear appropriate protective clothing. However, sometimes this is not enough, especially in cases when medical workers are exposed to radiation over a long period of time. This can cause serious damage to their health. When it comes to anesthesiologists, long-term facial exposure to radiation increases the risk of cataracts. Therefore, it is advised to stay away from the radiation source whenever patient safety permits.

Combined with HP series pumps, MS-100 provides an integrated solution for remote controlling of the infusion therapy and real-time monitoring of the infusion status. Therefore, anesthesiologists can avoid radiation exposure by controlling the infusion pumps from a distance.



Isolation Room

Remote-control capabilities using an auxiliary human machine interface with a medical device to treat patients with COVID-19 is crucial, such devices may include ventilators, infusion pumps, and monitors.

MS-100 allows medical personnel monitor the infusion status and change the infusion therapy outside the patient care environment such as the isolation ward, which reduces the in-out frequency and thereby reduces contamination risk, protecting both medical staff and the patients and providing better cross-contamination control and management.



Intraoperative MRI

A **remotely controlled** infusion system for infusion therapy administration during MRI procedures: anesthesia, sedation, or other infusion treatments in an MRI room or in a hybrid operating room combined with MRI technology. It ensures that infusion therapy can be adjusted without stopping the MRI examination procedure, which makes the infusion in MRI environments safer and more intelligent.

Combined with HP-80 MRI Infusion Workstation, MS-100 provides a new integrated MRI-compatible infusion system that can be used in both 1.5T and 3.0T MRI environments in the mainstream MRI brands

