




Warning and Caution

Use safety and warning








General

- Classification: Class I equipment, type BF application part, IPX1, continuous operation, equipment that cannot be used in the presence of flammable anesthetic gas mixed with air or in the presence of flammable anesthetic gas mixed with oxygen or nitrous oxide.
- The operator shall not open the enclosure of the equipment under any circumstances.
- Do not fail or short circuit the safety features of the device.
- The equipment is mobile, and the casters of the equipment shall be locked in the working state.
- Do not repair the device by yourself when the device does not work properly. You should contact SinoMDT or its qualified and authorized personnel to repair the device immediately.
- Spare parts you need are not contained within the device, please do not open the device housing.
- Observe all warnings and cautions, whether explicit or self-evident.
- Follow all safety labels on the device.
- The main power switch disconnects the product from power grid. In addition, the red key on the right of the equipment is the emergency switch for quickly cutting off the power supply in case of emergency. Please DO NOT use this emergency switch as the main power switch.
- The injector can be controlled with both remote and local control boxes. However, only one control box is available at the same time so as to prevent different commands from two control boxes from impairing the product or injuring the patients. In the preparatory phase, only the local control box can respond to user's operations, while the remote control box is locked in this phase. A message window will be popped up when users click the touch screen of the remote control box during this phase to avoid accidents.
- No modification of this equipment is allowed.




Mechanical Safety

	Warning: The device is a mobile device, and its casters should be locked before the operation or use of the product.
	Warning: The device must not operate with its housing open.
	Caution: The connection port between the device and the syringe is a special one. The high-pressure injector and its accessories must be the special products fit to the device and recommended by our company.




Electrical safety

	Warning: Shock hazard! To protect the patient and medical personnel, ensure that the equipment is well grounded and the protective grounding of the power supply socket is in good condition. Do not connect the three-wire cable plug of the equipment to the two-wire socket.
	Warning: It shall be ensured that the grounding wire of the equipment is correctly and firmly connected with the grounding part of the room. The grounding wire of the equipment shall not be removed or disconnected for any reason when the system is in operation.
	Warning: Shock hazard! Do not open the enclosure of the device during operation or when the power supply is connected. Only authorized service engineers can open the enclosure.
	Caution: Before use, the user must check that the equipment and cables are free from significant damage that could affect safety or instrument performance. The recommended test cycle is once weekly or less. If obvious damage is found, replace the damaged parts before use.
	Caution: The instrument shall perform periodic safety tests to ensure the safety of the equipment, including leakage current test and earthing performance test. The recommended test cycle is once a year or in accordance with local regulatory inspection procedures.
	Caution: Turn off the system before cleaning. Cleaning includes wiping the surface of the equipment with a soft brush or soft cloth, using a brush to wipe off the connectors and panel edges, or wiping with a soft cloth moistened with neutral detergent/neutral disinfectant or 70% alcohol. Do not allow detergent or disinfectant to penetrate into the equipment. Pay special attention to the connector, touch screen and panel edge.
	Caution: The fuses in the two safety seats on the side of the fuselage are T4AH, 250 V, $\Phi 5 \times 20$, delay type, high breaking capacity. If replacement is required, make sure to use materials of the corresponding specifications to avoid electric shock or fire accidents.
Note: In case of emergency during equipment operation, the power supply can be cut off quickly and the operation can be terminated.	











Environmental safety

	Warning: Do not work in atmospheric environment mixed with oxygen, nitrogen oxides and combustible anesthetics, otherwise explosion may occur.
	Caution: Keep the environment clean and avoid shaking. Keep away from corrosive drugs, dust, high temperatures, and humid environments.
	Caution: Electromagnetic interference! Ensure that the installation environment of the instrument is free of strong electromagnetic interference, such as wireless transmitter or mobile phone.

Operation safety

	Warning: Air Exhaust must be finished and checked before drug injection, or it would likely result in air embolism of patients.
	Warning: Both local and remote control boxes can control the syringe. However, only one control box can be operated at the same time to avoid damage to the machine and patient caused by different operation instructions of the two control boxes.
	Warning: Special syringes and other accessories that match this equipment must be used.

SinoPower series High-pressure Injector

	Recommended accessory specifications: See our complimentary. Customer please use this specification material or accessories that are fully compatible with this specification.
	Warning: Syringe is disposable and should be used immediately after unpacking. Do not reuse the syringe to avoid cross-infection.
	Warning: A special pipette (J-shaped tube) in the sterile syringe kit should be used, and connecting tube should not be used to take in drugs to prevent cross-infection or accidents
	Warning: In the injection process, if an unexpected condition occurs, such as adverse reaction of the patient or needle slippage, press 'Pause' or 'Stop' to stop the injection or cut off the power supply.
	Caution: Both ends of the connectingtubeshall be aligned with the syringe tip and the puncture needle end when they are screwed together. Apply proper force to screw them together to ensure tight and reliable connection, as excessive force may result in rupture of tube orifice.
	Warning: During injection, injector head should keep tilted downwards to ensure that the drug sinks to the front of the syringe to avoid air embolism.
	Warning: To remove the syringe after injection, you must first remove the coupling hose from the syringe before pressing the  or  button to avoid an accident.
	Caution: Be careful not to pinch your fingers or palms while turning the handpiece.
	Warning: This device is intended for contrast and saline injection only. This device is not intended for use with MRI or DSA devices.