

High Pressure Electric Grout Machine

S-812



上海商勤灌浆公司
sakingsh.b2b.hc360.com

Description

S812 is a complete set of equipment required for high pressure epoxy, PU or Resinous injection. Resin, PU or any type of waterproofing chemical having a viscosity of 50 to 800 cps can be efficiently pumped with a high pressure up to 400 bars by using S812

* Be careful not to use the agents like Thinner, if possible.

* Medical liquid mean is liquid of the leakage construction work.

(1) Water-based polyurethane grouting materials

(2) Hydrophobic polyurethane grouting materials

(3) Epoxy resin grouting materials

How to use S-812

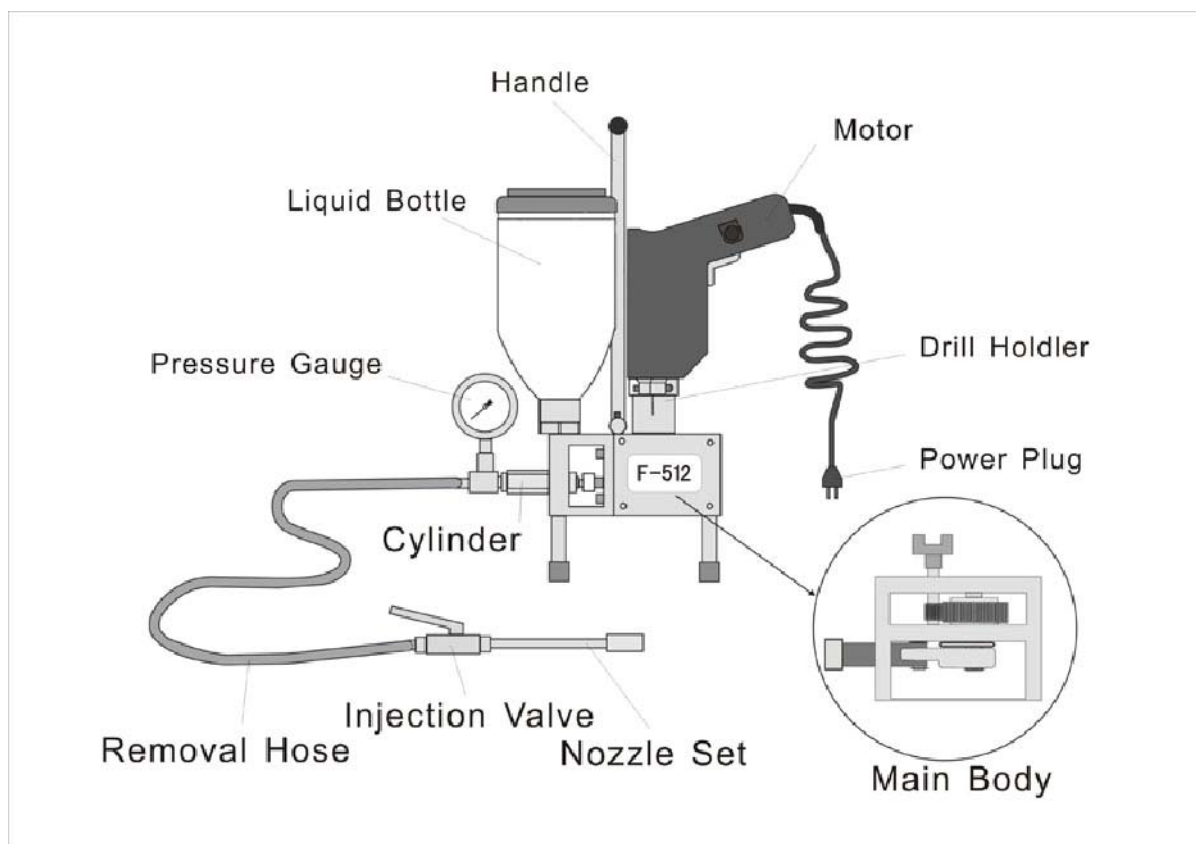
1. Install(place) the injection kit on the flat place.
2. Take off a certain quantity of medical liquid and pour it into the injection can. Connect the sources of electricity.
3. Open the injection valve and connect the nozzle with the packer.
4. Operate the switch and start to inject the medical liquid.
5. Check the cracked sites of the construction and inject the liquid sufficiently.
6. When the injection is finished and the liquid is left in the injection can, cover(seal) the injection can or pull out the left liquid thoroughly and wash the hose and nozzle with oil.

How to Safely Use the S-812

1. Stop operating the equipment for more than 1 minute after the 30 minutes' operation for the safe operation and preventing any anticipated overheat .
2. Make sure to wear the safety helmet, safety goggles, working uniform and safety mask all the times.
3. If any foreign substances penetrate the equipment, it may cause the defect. Avoid getting the motor wet.
4. Only the authorized technician may disassemble and modify the equipment.
5. Do not operate the equipment when it is defective or inoperable.

6. Do not operate or handle the power plug or switch when your hand is wet.
7. Do not cleanse the equipment near the flame or fire. It may cause the fire .
8. Do not use low viscosity liquid or Water when doing test. Please use machine oil or cooking oils for testing.
9. Check if the medical fluid container is normally installed before using or operating the equipment.
10. The equipment is greased before being provided. However, grease the equipment more than once a week.
11. If not using the equipment for a long, store the equipment after filling the medical liquid container with the oil and cleansing the equipment with thinner and filling the pump and hose with the oil by operating the equipment.
12. If the high pressure hose is tightened upon injecting the medical liquid, or when the noise is generated after the rpm of motor is reduced, it indicates that the discharging pressure of equipment is higher than 350 kg f/cm².G, so immediately stop operating the equipment and wait for 2 or 3 minutes until the high pressure hose is loosened by the medial liquid penetrated into the concrete and then restart the equipment.
13. The equipment should be wash out by 200m l Acetone as mixed with remain grouting resin into the pump after finished grouting works. And then try it again wash out with new 200m l Acetone for 3 times.
14. We are not responsible for the defects or damages resulting from unauthorized modification or use of unauthorized parts. The unauthorized modification or use of unauthorized parts may void your warranty.

S-812 Deal Drawing



Trouble shooting

- **when the equipment is not normally operated,**

1. Check if the power is normally supplied to the power outlet.

2. Check if the plug, switch and power line are normally connected or installed and then repair or replace the defective parts if there are any.

- **If the spark generates inside the motor, or when the equipment is irregularly operated .**

1. This phenomenon occurs when the carbon brush is damaged, so replace the carbon brush with new one

2. If the motor is damaged, ask the A/S to the motor manufacturer .

- **If the medial liquid is not injected or when the injecting pressure is reduced because the injection port, pump, hose and nozzle are clogged or paths are getting narrow.**

1. Carefully remove the foreign substances deposited in the injection port, hose and nozzle so that these parts are not damaged.

2. Replace the parts when it is impossible to clean the parts. medical liquid may be leaked or flow backward.
3. Disassemble and clean the hose connecting the pump cylinder and then reassemble the hose. If any foreign substances are deposited in the check ball,
4. If it is impossible to clean the pump cylinder, or when the contact surface is widened, replace the pump.

- Consult with our service center if the medical fluid is not injected any more, or when the injecting pressure is reduced even if the motor is normally operated and all parts are normal.
- Spare Parts: Piston, Cylinder, spring, ball, nozzle set, extra hose, Time controller and Liquid bottle.

* Only use the pump, high pressure hose and nozzle provided by us. Use of unauthorized part, wrong cleansing, defective maintenance and unauthorized disassemble or modification may void your warranty