

PRO-5

Single Component Injection Pump

Discover
the power of injection



- Portable
- Hose Set included
- Pressure gauge
- Recommended for beginners and injection professionals

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Sn	Parameter	Value
1	Appearance	Hard structure, modular design
2	Volume	385mm length * 420mm height * 195mm width
3	Drive power	220V、 50HZ、 26A、 800W
4	Maximum pressure	70Mpa / 10000psi / 650bar
5	Working pressure	45-10MPa / 6500-1450psi / 450-100bar
6	Injection performance	easy to inject, can use at low temperatures; Single component grouting, simple construction, easy to clean up
7	Application range	subways, tunnels, reservoirs, underground structures, cracks, construction joints, expansion joints, site improvements, floor and other upgrading works.
8	sealing agent applied	water base polyurethane, oil base polyurethane, epoxy resin
9	Weight	7.6 KG
10	Package	Carton

How to safely use it:

- Check to make sure the screws in all parts of the machine are locked tightly.
- High pressure hose is connected with the coupler tightly, no oil leaking out.
- There is an iron Teflon ring between piston and piston screw cap, and the function is to resist leaking. When there is leaking in this place, please adjust the screw cap of piston to a proper position.
- Since the maximum momentary pressure of machine is more than 10000 psi (about 70Mpa), it is required to use high-pressure durable injection packer and spare parts to reduce the dangerous.
- Please notice Polyurethane water stopper applied to this machine should not contain cement or sand or solid particles which will damage the machine. If any external substances penetrate the equipment, it may cause the defect.
- Do not use low viscosity liquid or Water when doing test. Please use machine oil or hydraulic oils for testing.
- Stop operating the equipment for more than 1 minute after the 30 minutes' operation for the safe operation and preventing any anticipated overheat.
- The working pressure of machine should not operate more than 50 Mpa, if over pressure, it will cause the gear shaft overload and damaged ,and the high pressure hose will easy broken.
- It is prohibited to re-start the machine when the pressure is above 40Mpa. When operate injection construction, the re-start is only allowed when the pressure is back to less than 20Mpa.
- Make sure to wear the safety helmet, safety goggles, working uniform and safety mask all the times
- The remained grouting resin in the machine and tube should be washed out by 200 ml acetone or xylene, Cycle for 5 minutes, since its low flame point of the detergent, make sure the machine is cooled when washing.
- Close the on and off valve of connector, knob the adjust pressure switch to zero, cleansing the residual material in the pressure adjustable valve part.
- After cleansing, use hydraulic oil to maintain the machine.