

SAFETY INSTRUCTION

General Safety Regulation



WARNING

Do not attempt to operate until you have read thoroughly and understand completely all instructions, rules, etc. contained in this manual. Failure to comply can result in accidents involving fire, electric shock, or serious personal injury. Keep owner manual and review frequently for continuous safe operation.

Warranty

If any part is proved to be defective within one year from the date of purchase then the manufacturer or distributor shall repair or replace the part provided the defective part is returned immediately to the manufacturer or distributor.

The manufacturer or distributor shall have no obligation to repair or replace those parts failing due to operator carelessness, misuse or due to any cause such as parts failing due to poor lubrication, inadequate cleaning, improper operating environment, improper utilities or operator error.

Plastic, rubber, oil, wire, glass, paint, gasoline pump, filter, expendable parts no warranty

Preparation before operation

1. To avoid damage of Ultrasonic cleaning machine, it is necessary to make sure detergent in tank before starting.
2. Test Injector pattern with fuel and place a dry chemical fire extinguisher near work area.
3. No smoking, fire when using this machine.
4. This machine is only AC 110V.
5. The test oil must not contain water. Oil level is more than half of the indicating tube

Key Description

1. Injection pattern : Press this key. Pump starts. Check for Injection Pattern. Does it is in normal situation?
2. Fuel volume test : Press this key. Observes three types of fuel injection with low injection (3MS) 5000 times , high injection (12MS) 1250 times and full open 10S.
3. Leaking test : Press this key. Observe whether the fuel injector is leaking within 60S.
4. Fuel relieved : Press this key. Return the fuel in the cylinder to the tank
5. Detergent drain : Press this key. The injector is driven at 16MS. For blowing detergent out of the injector.
6. Ultrasonic cleaning : Press this key. Ultrasonic and injection can be started at the same time.
7. Selection : Press this key. Selection pulse width, count, rpm, time, pressure.
8. Start : Press this key to start testing the injector with manual parameter setting.
9. + : Press this key. Used to adjust the value of pressure, pulse width, count, rpm, time.
10. - : Press this key. Used to adjust the value of pressure, pulse width, count, rpm, time.
11. Reset : Press this key. Return data to factory settings.