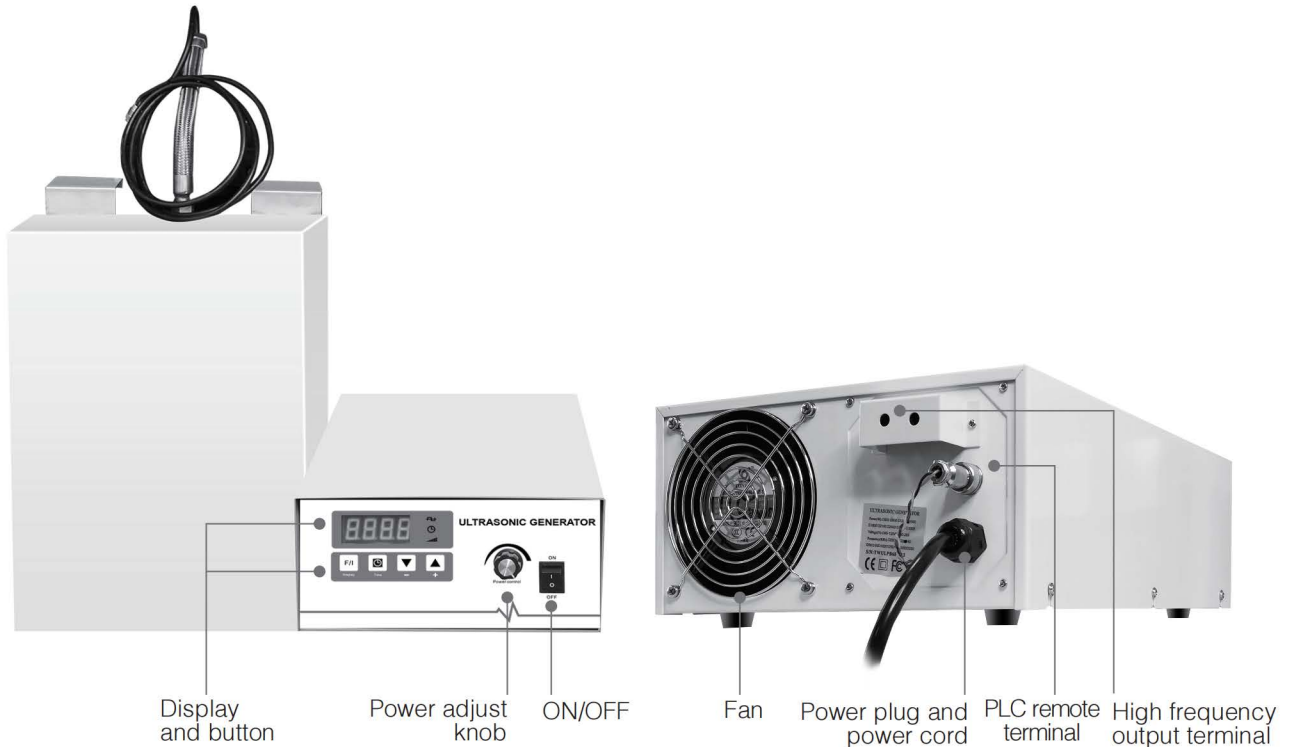


Products introduction:



Power switch: cut in or cut off input power; When switch stay at “ ON ” and the light of switch is on, then the input power is normal.

Display and button: showing working condition and set timer for generator

Power adjust knob: turning left is for weaker power, turning right is for stronger power. Power can be adjusted through power adjust knob.

High frequency output terminal: left side is positive, right side is negative, wrong position is not acceptable. It will have possibility for electric leakage or no output power if you connect the wrong side.

PLC remote terminal: This terminal is optional and has two output cable. You will only get output when the terminal is short circuit.

power plug and power cord: connecting power through plug. Power will be supplied to generator.

Fan: Cooling system for internal part of generator. It can ensure the reliability of parts.

Nameplate: showing main electrical parameter like frequency, power, input voltage. Please operate generator under these condition or it will damage the generator.

Instruction of other function on generator

- **Frequency tracking:** If the difference of Transducer frequency stay at the range of $\pm 1.5\text{KHZ}$, generator can match the difference automatically without adjusting frequency.
- **Current stable ring:** The generator has stabilizing circuit loop so Current will be stabilized at the named parameter ($\pm 0.1\text{A}$), no matter at the condition of overload or the change of water temperature and power supply. It is a key for stable cleaning.
- There is EMI circuit in the generator and Power is adjusted by phase-shifted full-bridge technology. So it can make the influence from outside at lowest level. Comparing to traditional Thyristor tuned circuit, it can totally solve the problem of serious surge current and serious conduction disturbance and radiation disturbance caused by surge current under 90 and 270 degree phase position.

How to deal with and repair common problem

Display doesn't work when you turn on generator:

- Check the light of switch, if the light is on, the power supply will be good then you need to check power supply.