



SPD-C2018

ULTRASONIC GENERATOR

USER MANUAL



Before placement and use of equipment, please be sure to read this manual in detail in order to fully understand the equipment performance.

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一, Main Parameter:

- 1, Ultrasonic frequency: 40KHz
- 2, Number of oscillators: 18
- 3, Ultrasonic power: 0.9KW
- 4, Using of voltage: 220V + 10%
- 5, Rated current: 2.5A-3.5A
- 6, size: L315*B265*H80mm
- 7, Temperature: room temperature - 70℃

二, Operation:

- 1、 Put cleaning liquid into tank, and make sure the liquid is over than washing workpiece. Adding the liquid as per request. It was prohibited to start transonic generator when the cleaning tank without the liquid.
- 2、 The ultrasonic generator wire was connected to the AC 220V + 10% power supply.
- 3、 After you confirmed the tank with cleaning liquid. the operation is started according to the following method.

Panel menu using method:





A、Open the power supply:

First, open the power supply, Ultrasonic function start, frequency tracking display LED digital tube began to show from 39.5KHZ to 41.5KHZ dynamic scanning, after scanning ,it will be automatically stored tracking frequency value. Then, every 30 seconds, a dynamic automatic tracking frequency scanning process.

B、Power regulation:

“Power +” and “power - ” can be used to adjust the power of ultrasound, the left direction is adjusted to reduce the power, the right direction is adjusted to increase the power.

C 、Timing setting method:

Press the “Frequency / Timing switch” button, The time display “TIME” light indicates that the display date of time. The digital “KHZ” light indicates that Frequency display. The maximum time can be set 9.59 hours. After the setting, then press “timing / confirmation”, and then press “start / stop”.



三, Attation

Please read below Notes and be careful :

- 1, Prohibit to open the ultrasonic generator switch when the cleaning tank without cleaning fluid , it will damage the transducer.
- 2, To prevent the impact of hard and strong vibration, Please do not put the workpiece directly on the vibration plate surface.
- 3, Vibration plate not allowed to be soaked in a strong acid and lye liquid long time.