



Digital Ultrasonic Generator For Ultrasonic Cleaner External Control 600W 28Khz JM-600

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: SKYMEN
- Certification: CE
- Model Number: JM-600
- Minimum Order Quantity: 1
- Price: 200~500USD/set
- Packaging Details: Carton
- Delivery Time: In Stock
- Payment Terms: T/T
- Supply Ability: 3000pcs per month



Product Specification

- Frequency: 28/40/68/80/132/20KHz Available
- Function: Control Ultrasonic Cleaner
- Ultrasonic Power: 0~600W
- Anti-explosion: Optional
- Generator Size: 370*280*150mm
- Weight: 7KG
- Highlight: ultrasonic welding equipment,
ultrasonic welding generator



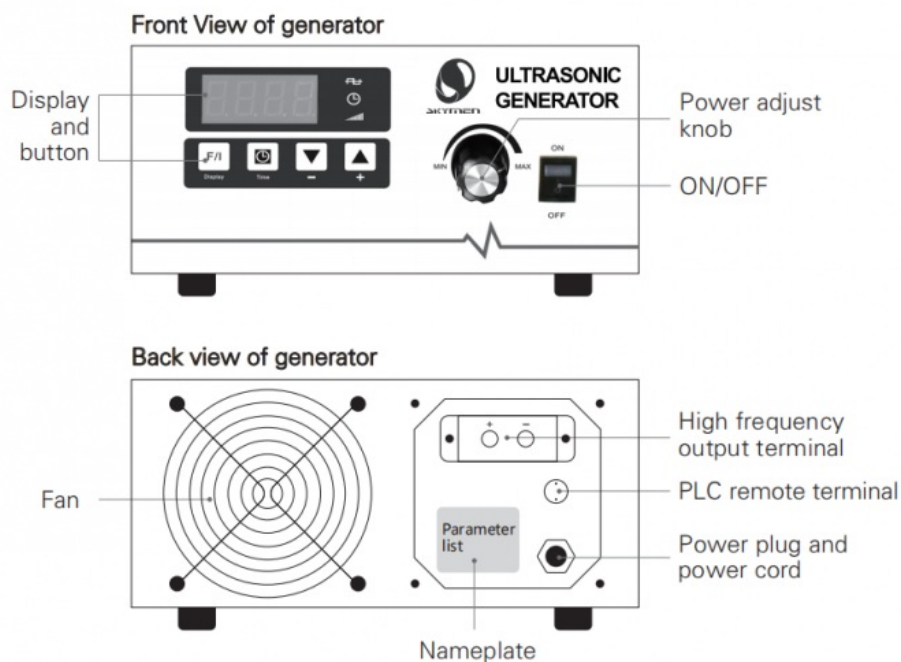
Product Description

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Same series Generator with different power:

Model	Power control	Default frequency	Other Frequency	Double/Sweeping frequency
JM-600	0~600W	28 or 40KHz	68/80/132/20KHz	Optional
JM-1200	600~1200W	28 or 40KHz	68/80/132/20KHz	Optional
JM-1800	1200~1800W	28 or 40KHz	68/80/132/20KHz	Optional
JM-2400	1800~2400W	28 or 40KHz	68/80/132/20KHz	Optional

Function and button instruction



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.

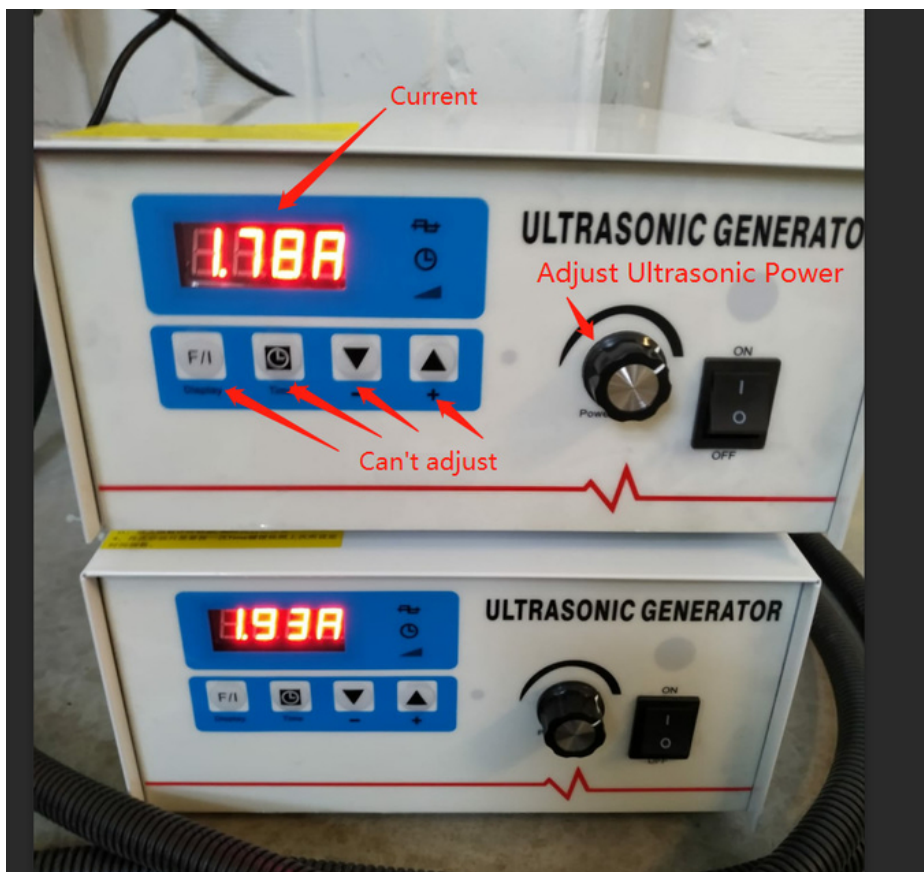
Please operate generator under these condition or it will damage the generator.

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 fullbridge 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.



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