



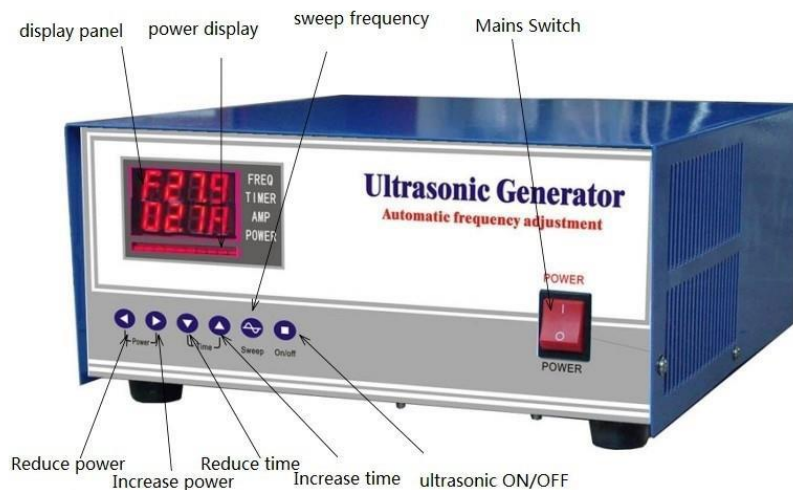
Digital Ultrasonic Generator

With more than 15 years research and application experience, we explored this microprocessor controlled, newly designed generator specially for ultrasonic cleaning.

This new type generator adopts advanced techniques, like separate-excited circuit, controlled By microcomputer, frequency automatic tracking and sweep-frequency ,etc. Compared with traditional generator, it has better performances of stable and reliable operation, and more easy to adjust.

- The control circuit in the system adopts the pulse-width modulation (PWM) technique. Which let output power adjustment more accurate and more stable, more powerful power, more efficient, more flexible using.
- Perfect protective capacity: over temperature protection and overcurrent protection for more reliable operation.
- Bit timer for more accurate time: control to second. Ensure the quality of your work.
- Digital working time, frequency, current, power at the same time. This operate the machine more easily by operator.
- Remote Control: easy connection to other devices.

Display panel Performance



- Display window: display fixed time, power, working state and faults.
- Switch for frequency sweep: selecting normal or frequency-sweeping working state.
- On/Off: controlling operation and pause of working state.
- Adding fixed time: set value of working time.
- Reducing fixed time: set value of working time.
- Raising power: raising output power.
- Reducing power: reducing output power

Key Technical Indexes

- Working volt: 220V(±10%) or 110V(±10%) Working current:
- (Attention: the generator can not work long time in above rated current)
- Environment temperature: 0-40C° Relative humidity: 40%--90%
- Working frequency: 28KHz (40KHz, 80KHz, 135KHz, etc.) ±5%

Specification:

Below 40KHZ (Single Frequency)

Type	Frequency	Power
QXCG300	20-40kHz	300W
QXCG600	20-40kHz	600W
QXCG900	20-40kHz	900W
QXCG1200	20-40kHz	1200W
QXCG1500	20-40kHz	1500W
QXCG1800	20-40kHz	1800W
QXCG2400	20-40kHz	2400W

Above 40khz (Single Frequency)

Type	Frequency	Power
QXCGH300	45-170kHz	300W
QXCGH600	45-170kHz	600W
QXCGH900	45-170kHz	900W
QXCGH1200	45-170kHz	1200W
QXCGH1500	45-170kHz	1500W

Double Frequency Ultrasonic Generator

Type	Frequency	Power
QXCGD300	20-40kHz and 45-170kHz	300W
QXCGD600	20-40kHz and 45-170kHz	600W
QXCGD900	20-40kHz and 45-170kHz	900W
QXCGD1200	20-40kHz and 45-170kHz	1200W

Three Frequency Ultrasonic Generator

Type	Frequency	Power
QXCGT300	20-170kHz	300W
QXCGT600	20-170kHz	600W
QXCGT900	20-170kHz	900W
QXCGT1200	20-170kHz	1200W