

Altrasonic



ULTRASONIC GENERATOR ULTRASONIC POWER SUPPLY

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Description

The principle of ultrasonic welding by the ultrasonic digital generator 50/60 Hz current is converted into 15,20,30 or 40 kHz energy, even reach 70kHz. The high frequency electrical energy is converted by the transducer is again converted into a mechanical movement of the same frequency, followed by the mechanical motion transmitted to the weld head through a set can change the amplitude modulator means. The welding head will be received by the vibration energy transmitted to the engaging portion of the workpiece to be welded, in the region, the vibration energy is by friction by conversion into heat, the plastic melts. Ultrasonic can not only be used to weld the hard thermoplastic fabrics and films can also be processed.

Applications

Ultrasonic generator is applied to all kinds of ultrasonic equipment, mainly with ultrasonic welding, ultrasonic cutting, ultrasonic chemical equipment and ultrasonic welding equipment such as non-woven fabric.

Item No.	Frequency	Power
HS-G-D15	15KHZ	1500W
		1800W
		2000W
		2600W
		3200W
		4200W
HS-G-D20	20KHZ	5000W
		1500W
		1800W
		2600W
HS-G-D28	28KHZ	3000W
		500W
		800W
HS-G-D30	30KHZ	1000W
HS-G-D35	35KHZ	600W
HS-G-D40	40KHZ	500W
HS-G-D60	60KHZ	200W
HS-G-D70	70KHZ	100W



	Analog generator	Digital generator
Circuit	Analog circuit, discrete components	Digital circuit, the chip control
Automatic search	x	√
Automatic frequency tracking	x	√
Frequency adjustment range	± 0.15 KHz	± 0.5 KHz
Power regulation	x	√
24 hours of continuous work	x	√
Non resonant condition	x	√
LCD	x	√
Add the PLC protocol	x	√
Automatic circuit protection	Bad, easy to cause the damage of components	Good
Repair method	Professional repair	Module replacement

