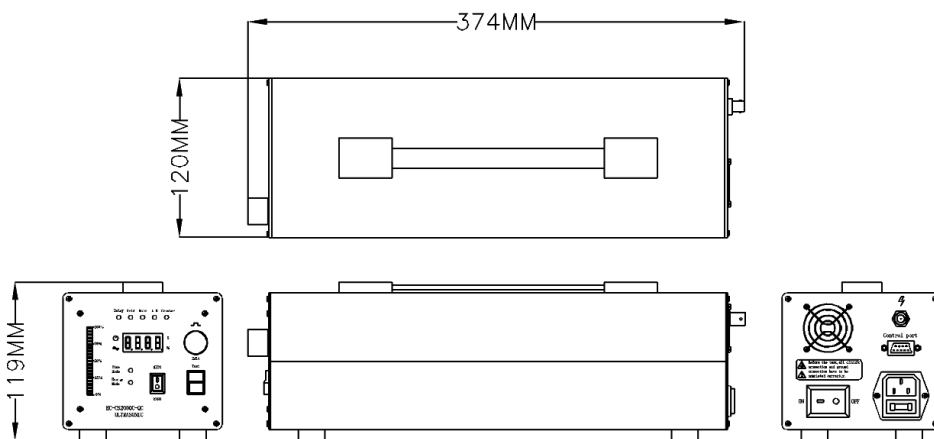


Detail information

- 1、 Adopt parallel resonance to drive the converter, reduce the heating of converter to protect it.
- 2、 Button start, easy operation.
- 3、 Imported control chip and driver, makes the ultrasonic generator works more reliable.
- 4、 The frequency based on the PID control and amplitude control, frequency locking and achieve constant amplitude control as well.
- 5、 Explosive power output, compare to traditional ultrasonic generator, our ultrasonic generator only request 1/2 cylinder pressure to achieve the same power output.
- 6、 Amplitude soft start, ensure make use of huge mould.
- 7、 Welding amplitude adjustment range 0~100% by 1%.
- 8、 Multiple protection to ensure the safety of equipment and test-piece.

Dimension



Security measures

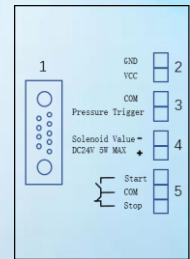
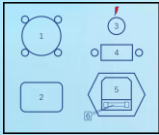
- 1、 Frequency locking system: above frequency range and below frequency range protection , selecting type mistake protection, horn cracked protection.
- 2、 Constant amplitude system: overpower protection, faulty operated protection.
- 3、 Control system: wrong parameter protection.
- 4、 Others: interfering impulse absorbed protection, converter and horn damaged protection.

Ultrasonic generator technical specification

Model	HC-2000C-QC _15kHz	HC-2000C-QC _20 kHz	HC-2000C-QC _30 kHz	HC-2000C-QC _35 kHz	HC-2000C-QC _40 kHz
Operating environment	-20°C~+80°C, humidity less 70%				
Dimension	Length 350mm, Width 12mm, Height 100mm				
Matched converter	15K	20K	30K	35K	40K
Power	2200W	2000W	800W/1500W	800W/1200W	500W/800W
Material	Shell: aluminum alloy, Panel: 304 stainless steel, Heating panel: 6061 pure aluminum				
Voltage	220VAC, 50/60HZ				
Standard parts	Ultrasonic generator, converter wire, power wire, control signal interface, DB9 core wire.				
Optional part	Shockproof suitcase				

Ultrasonic generator

Min



Double modes double selection:

- Standard plastic welding machine mode
- Corollary special machine mode

Characteristic:

- Less space
- Perfect performance, quick welding.
- Reliable and stable welding.
- Less thermal diffusivity, easy wiring.
- Simple and semi-automated in adjustment.

Application:

Welding, insertion, bend, spot welding, cutting.

Product material:

ABS,PP,PS,SNA,PC,PA,PET, non-woven, nylon, etc.