

User-defined Frequency and cooling time



Specification:

Small size, Length 41cm Width 12cm Height 12cm

Easy to carry, Weight 3.2KG

Efficient and Reliable, welding stability

Powerful, energy saving

Simple debugging, automatically frequency scan

Application: welding, joint, embedding,
spot-welding, cutting

Material: Acrylonitrile -butadiene-styrene (ABS),
polystyrene(PS), SNA, non-woven fabrics, nylon,
polyester, paper, leather, etc.

Features

1. One key start, simple operation and easy to start with for customers.
2. Imported CPU and drive unit to ensure reliable power supply.
3. Effectively balance the amplitude while frequency is locked based on the frequency and amplitude control using PID.
4. Power outburst mode, save energy comparing to the traditional ultrasonic hand-held welding machine.
5. Welding amplitude adjustable from 60% to 100% by 1% step.
6. Dual-frequency mode, one can easily switch from one frequency converter to another by software configuration, the frequency setting range is $\pm 8K$.



Technical Specification

Model Number	HC-2000B-QC_35K
Environmental Condition	-10°C~+40°C, Damp heat lower than 70%
Dimensions	Length 41cm, Width 12cm, Height 11.9cm
Transducer Adaptor	35kHz
Power	800W/1000W
Material	Case: aluminum alloy ; Panel: 304 stainless steel; Heating panel: 6061 aluminum alloy
Power Supply	220VAC, 50/60HZ
Standard Accessory	Ultrasonic generator, 35K transducer hand gun, power cable
Optional Accessory	Shockproof suitcase, Titanium Alloy flat-die, cooling solenoid valve