

## Σ 3000M Ultrasonic Metal Welding Series

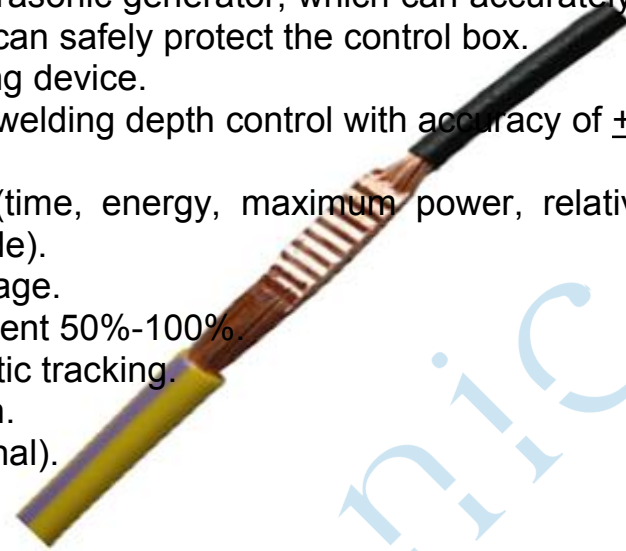


- \*Full range of modular design
- \*High-strength rigid structure
- \*Digital ultrasonic generator
- \*Maximum pressure 1000N

The Ultrasonic Metal Welding Machine Σ3000M Series is a complete ultrasonic welding device that integrates ultrasonic digital generators and controllers with ultrasonic welding presses. The Σ3000M series has a variety of welding modes to meet customers' more stringent welding requirements.

## Advanced Control Machine

- \*4.3 inch color touch screen.
- \*Chinese and English use interface.
- \*Germany designed digital ultrasonic generator, which can accurately adjust and stabilize various parameters, can safely protect the control box.
- \*Electronic pressure measuring device.
- \*Precision electronic ruler for welding depth control with accuracy of  $\pm 0.01$ mm.
- \*4 different trigger modes.
- \*5 different welding modes (time, energy, maximum power, relative position, absolute position welding mode).
- \*Welding parameter data storage.
- \*Ultrasonic amplitude adjustment 50%-100%.
- \*Ultrasonic frequency automatic tracking.
- \*Quality management function.
- \*Printer output function (optional).



## Technical Parameters

Σ3000M	20Khz	20Khz
Power	2000W/3000W	4000W/5000W
Pressure	3000N	3000N
Power Input	2000W/10A 3000W/15A AC 220V $\pm 10\%$ 50/60Hz	4000W,5000W/15A AC 220V $\pm 10\%$ 50/60Hz
Electric Box Size	2000W/420mm×211mm×185mm 3000W/465mm×211mm×185mm	465mm×211mm×185mm
Electric Box Weight	10KG	11.76KG
Machine Size	747mm×467mm×581mm	792mm×467mm×581mm
Machine Weight	64.5KG	66.2KG