

SPOT WELDER

OUTSTANDING WELDING FUNCTION

NEW UPGRADE · MICROCHIP · CONTROLLED



Product Parameter



Welding part

Voltage input	AC 110V/220V $\pm$ 10V
Primary current	2A~15A
Welding current	50A~800A

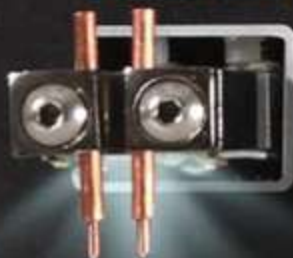
Welding pressure	200g~700g
1 Pulse	0.05~0.12mm
2 Pulse	0.12~0.15mm

Size	140x245x200mm
Net Weight	4.3kg
Gross Weight	5.5kg
Package size	215x370x310mm

Intelligent **3 modes in 1 machine**

Double pulse wave with
high energy Precision
welding in millisecond

PULSE POWER
4-5V. 80-800A



1P

PULSE

60

CURRENT



SET CURRENT

Intelligent precision pulse welding

SUNKKO
737G



Welding Cal Control

New Features

- Dual modes
- Current setting
- Pressure setting
- Pulse selecting
- LED light
- Thickness 0.05-0.2mm
- Foot switch to calibration

Mode 1 Push up welding

Push up welding mode
Assemble small size battery pack



The support plate could place workpiece easily.



Mode 2 Pedal welding

Foot pedal welding is suitable for precision spot-weld.



Welding 1 day

Power saving



Electricity meter showed
after welding 8 hours.



Portable Handle

It is convenient to move machine
and easy to carry.



Upgrading

Good Quality Welding machine



P1 P2 pulse
could be selected

Percentage of Welding Current
(00-99 could be adjusted)

▲ UP

▼ DOWN

* CONFIRMATION

- (1) The first and second digit show the volume of current.
Press " * " , the first digit will blink, that means the parameter can be adjusted via "UP" and "DOWN". Press " * " again to confirm.
- (2) The second digit will blink, that means the parameter can be adjusted via "UP" and "DOWN". Press " * " again to confirm.
- (3) P2 or P1 will blink. Please select P2 or P1 via "UP" and "DOWN" to set the pulse. P2 means welding once in 2 times.
P1 means welding once in 1 time.
- (4) Press " * " again to confirm.
The spot welder can weld when the digit not blink.
- (5) Please set bigger current power to weld thicker than 0.1mm.
- (6) The pulse welding setting could be reference.

Voltage input	AC 110V/220V $\pm$ 10V
Primary Current	2A~15A
1 Pulse Welding	0.05~0.12mm Nickel Plated
2 Pulse Welding	0.12~0.15mm Nickel Plated

BACK SIDE



Product Detail Showed

Real machine Present Function Understand easily.

01

Welding Pressure Adjuster

The welding pressure could be adjusted from 200g~700g to suitable for welding different thickness workpiece to obtain good welding spot.

Please turn up the pressure adjuster in clockwise to weld thicker thickness. Please turn down the adjuster in anticlockwise to weld thinner thickness. Please observe the welding spot wether fastness and small size.

(Notice: When the pressure adjuster to the maximum or minimum will be not welded. Please turn the knob to other side and the machine can work again.)

Please take reference to the welding pressure adjuster table sheet.

Type Thickness	Pure nickel sheet	Nickel plated sheet
0.05mm	200~220g	250~280g
0.1mm	250~300g	320~350g
0.15mm	320~350g	350~400g

02

Welding calibration Control

More precisely welding
More fastness welding spot.



03

Line Control Foot Pedal Control

Professional controlled
foot pedal switch.



04

Fixed Welding Head

Enhanced output current structure to enhance welding effect. The output power is 1.3 to 1.5 times than the original power. 144 square plating alloy output welding arm to avoid resistance enhancement by oxide to affect welding effect.



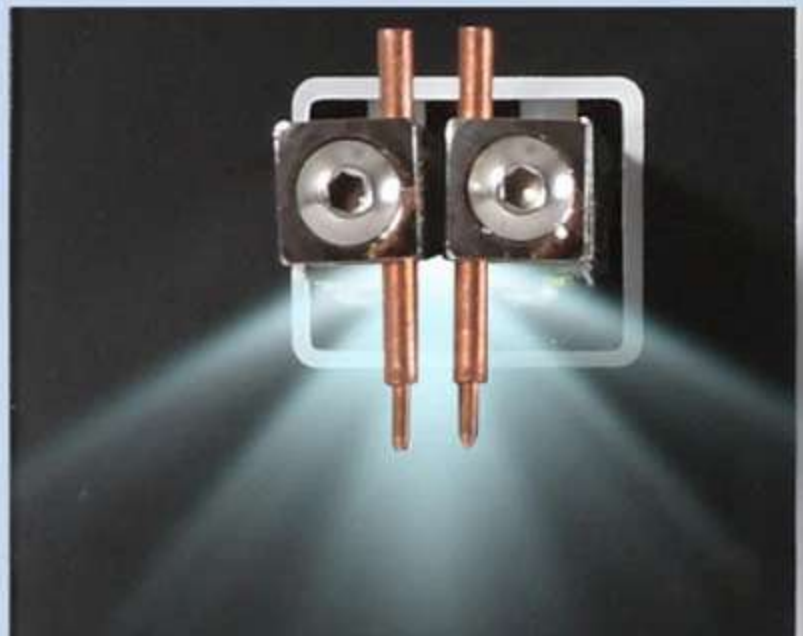
05

LED Light Function

Enhanced LED lighting version is easy to light the welding operation.

Advantage:

It is suitable for welding and assembling battery pack in low luminance environment.



Welding showed

Welding fastness in 0.01S!



Press tight and push up



Fastness welding spot.

1. Depending on the thickness of welding material to set current and pulse.
2. The welding pins press tight on the welding surface and push up the welding arm.

Welding Current Adjustment Reference

Nickel Thickness	Welding Mode		
	0.1mm	0.12mm	0.15mm
	Current	Current	Current
	20~30	30~40	60~70
	Pulse	Pulse	Pulse
Fixed Welding	P1	P2	P2

⚠ Notices for using SUNKKO 737G spot welding machine

1. In order to obtain good weld effect, please don't use the active socket, and should be used the wall socket to ensure stable power supply.
2. Please set the pressure adjuster to the right parameter to avoid welding effect in not good.
3. Please keep the surface of welding pins clean and wipe off oxide with sand paper.
4. Please keep the welding pin in sharp shape.
5. Please do not worry about the lighting in flash.
SUNKKO 737A is a high power machine and discharging high current instantaneously.
Because this moment is in 20ms and it is normal.

Packing Showed



Inside Packing



Outside Packing

More professional • More safety



FOAM



Corrugated case

Inside package size	18X33X27cm
Outside package size	23X38X31cm
Gross weight	5.5kg
Net weight	4.3kg



- ① Induction fast setting pulse
Induction welding automatically
- ② Fast welding 700X500MM big size of
battery pack.

Model	SUNKKO -737G	SUNKKO -737G ⁺ Upgrade
Power	2.8kw (Instantaneous peak value)	4.3kw (Instantaneous peak value)
Transformer	(Size: 86x48x75mm)	(Size: 86x60x75mm)
Circuit board	Circuit board	Upgraded circuit board
Pulse	Singular / dual pulse	2/4/6/8/10/14/18 Pulse group
Input voltage	AC110V/220V±10V%	AC110V/220V±20V%
Welding current	50~800A (Push up welding mode)	120~1200A (Push up welding mode)
Welding thickness of fixed welding head	0.05~0.15mm (Within 4 rows' battery pack)	0.15~0.35mm (Within 4 rows' battery pack)
Welding thickness of welding pen	× Can not use welding pen	0.1~0.2mm (large battery pack)
Removable Welding pen	×	✓
Induction setting pulse group	×	✓
Induction welding automatically	×	✓

737G Standard Parts



- ① 737G spot welder x 1 set
- ② Manual x 1pc
- ③ Hex wrench x 1pc
- ④ Fuse tube x 2pc
- ⑤ Welding pins x 2 pairs
- ⑥ Pedal switch x 1
- ⑦ Fixture for 4 batteries x1pc
- ⑧ Nickel sample x 60PCS