



Assembly **SWISS** Ultrasonic Parts



STRONG

SMRW 35 Series

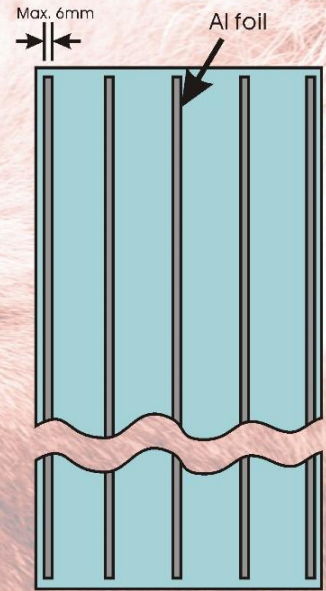
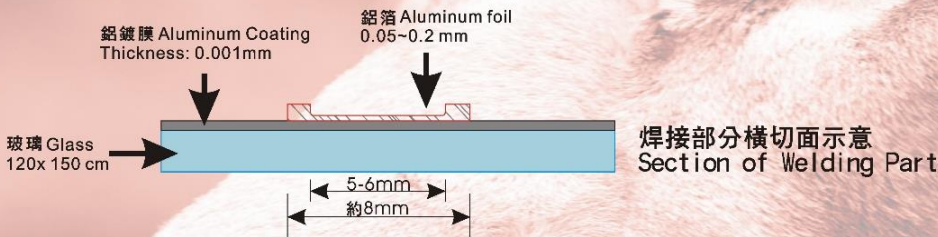
Ultrasonic welding machine 35 kHz

Ultrasonic welding machine for Solar Collector
(continuous rolling welding)



本產品是專為太陽能集電板焊接而設計的專用機，依據超音波金屬焊接的原理，利用高頻所產生的振動能量，將表面鍍鋁的太陽能集電板（玻璃）與鋁箔互焊。由於焊接不使用助熔劑，接合部分電阻低，充/放電過程不會發熱，可延長產品耐用年限。

This is a special welder designed for welding the solar energy collection plates, base on the ultrasonic metal welding principles, to generate high frequency vibration energy so as to weld the solar energy collection plates (glasses) coated with aluminum together with the aluminum foil. Because the welding method does not use any solder flux, therefore, the resistance of the welding area (joint) is very low, thus it will not generate heat during power loading and/or discharge, so that the service life of the end products can be extended remarkably.



多條焊接痕跡
Multiple Welding Pattern



本產品搭配自動化設備，可自動輸送玻璃，玻璃尺寸約120mm~170mm，機台採伺服馬達控制，搭配直線式滑軌，工作效率高且穩定

This machine can be equipped on automatic machinery. The glass (120mm~170mm) is fed automatically. Driven by Servo-motor and equipped with linear roller, the efficiency is high and the welding quality is stable.

本產品可多組搭配使用，同步焊接多條鋁箔，配合自動化設計，可達到2組~5組以上，產能更加提升

The product can be connected to weld several aluminum strips simultaneously (2 sets to 5 sets). The production will be raised.

本產品可連續滾動焊接，搭配升降氣缸模組與鋁箔輸送模組，可快速有效率的完成焊接工作。

This product can perform rolling welding continuously. Equipped with air cylinder device and aluminum feeder, the welding can be finished more effectively.

Specification SMRW 35 series



VIPER



AGM



DTPS

Press/FREQ.	Generator			Output (W)	Power Supply	Air Supply
	Viper	AGM	DTPS			
SMRW-35 35kHz		400		400	200V~240Vx 1Px 50/60 Hz	0.5~9kg/cm ²
	600		600	600		
	900	900	900	900		

出力控制 Output control:

Viper: 60%~100%, scale: 5%
AGM: 40%~100%, RS-485
DTPS: 50%~100%, RS-232

詳細資料歡迎來電洽詢

Additional technical information available on request.

STRONG[®]

ULTRASONIC WELDER

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