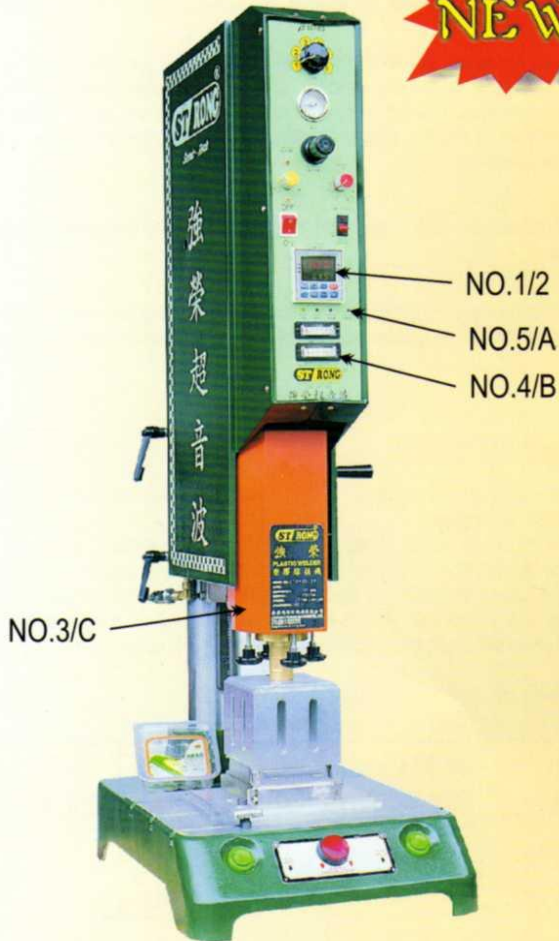


β Type Is Better Welder

**NEW**



光學尺數控機型 Digital control type



ERROR LED Display  
故障顯示加定位停振 position OSC stop type

1. β 型式光學尺可數字控制0.01mm  
Equipped with an optical device, capable to control the accuracy within 0.01mm.



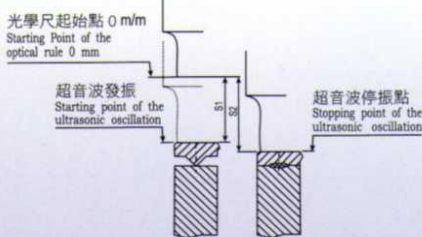
3. Roller滑軌升降不偏移，更適合非平面焊接  
Roller Guide Rails, non-deflective during down stroke movement, suitable for welding curved surfaces.



5. 故障LED顯示：功率晶体、發振板溫度過高  
ERROR LED Display : For any failure of an electronic component, such as failure of a power transistor, or an oscillation PC board, or a component is under an overheating condition, such failure will be shown on the LED display.



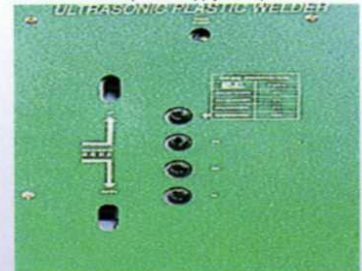
2. 光學尺控制圖：  
Picture of the Controls of an Optical Device.



4. 調音波錶，可容易調到最佳狀況  
Sonic Regulator, easy to adjust the optimal condition.



6. 電源功率晶体保險絲座  
Fusc base of the power supply and power transistor.



## STP 系列超音波機優點：

### A. 故障顯示及保護容易修護，更適合國外使用：

將容易故障的電子零件，設計故障時LED顯示，蜂鳴器警示，更換保險絲或IC板就可修好。

### B. 調音波錶設計，易調最佳狀態待機：

空載調音波時另有一調音波錶，使操作員可以很容易調到最佳狀態，若音波調不理想焊接能量輸出小，而且容易故障。

### C. Roller滑軌，下壓不偏移，非平面焊接：

精密耐高荷重的Roller滑軌，下壓焊接時不晃動，適合非平面，異曲面焊接利器，比培林內置導桿或鋼珠更穩固。

### D. 定位停振改變傳統超音波調整方式：

音波時間可依設定的高度停止發振，可確保產品統一化，因為熔接條件變化很多，厚薄不一、不同模穴、壓力變化、電力變化，使用此機構可控制更精準產品高度。

### E. 特殊電路設計，出力強、耐用：

特殊電路設計，出力強有力，可瞬間完成焊接，且耐用壽命長。

### F. 大型穩固底床，T型槽螺帽固定底模：

穩固底床架模方便，底床下方空間大，方便搬運機台，底床使用T型槽內溝螺帽，固定底模方便，底模可360°架設。

## β 型式優點 (有以上STP優點A. B. C. E. F)

光學尺數控，熔接狀態全部數位化，精度0.01m/m可數控，可調音波起振點，停振點的位置，可數字顯示設定值、實際值、固化時間、計數器、全部數字顯示，尤其焊接高度不理想可更改數控器設定值，不是傳統型螺絲止動方式。

## ADVANTAGES OF MODEL STP-SERIES OF ULTRASONIC WELDERS

- A. Provided with circuit breakers and error display device, easy for maintenance and ideal for application. In case of any failure of an electronic component, the ERROR LED will be lit accompanying with a buzzer sound to notice the operator to check the failure. If necessary, just replac a new fuse or an IC board, the welder can be fixed within minutes.
- B. Equipped with a Sonic Regulator for easy adjustment of the best ready-to-use condition: An operator can easily adjust the best ready-to-use condition of the ultrasonic welder by means of the Sonic Regulator. If the ultrasonic frequency is not properly adjusted, the output of the welding energy will be insufficient and will lead a failure.
- C. Equipped with high precision and stable roller guide rails. More stable than ball-screwed or ball bearing guide rails. No risk of deflection or vibration problem during down stroke movement. The most suitable unit for welding the non-flat and/or curved surfaces.
- D. Stop oscillation at the preset position: The welding time can be precisely preset to guarantee the consistency of the end products. Due to the variable welding conditions, such as different thickness, molding cavities, pressure variations and power variations etc., taking the advantages of the this special function, the height of the work piece to be welded can be precisely controlled.
- E. Special design of circuits, high output and long service life. It can complete the welding within seconds.
- F. Large stable machine bed, equipped with T-slots easy for fixing the bottom die using nuts. Easy for fixing the dies. The bottom die can be fixed and installed within angles of 360°.

## ADVANTAGES OF MODEL β-SERIES OF ULTRASONIC WELDERS

Except the advantages mentioned under A. B. C. E and F of the STP-series, it features the following additional advantages:

Digital control by optical device, digital controllable accuracy 0.01mm

The oscillation starting point and stop position can be precisely preset. The preset values, actual working values, welding time and holding time etc. parameters can be digitally displayed. For any undesirable welding height, the preset values can be digitally modified. It is different from the traditional adjustment method, which uses an adjusting screw.

機械規格表： 電源：220V×1P× $\frac{50}{60}$  HZ

氣壓源：0.5~8kg/cm<sup>2</sup>

Technical Data (Power Source: 220V, Single Phase, 50/60 Hz, Air Pressure: 0.5 ~ kg/cm<sup>2</sup>)

機 型 MODEL NO	頻 率 FREQUENCY	出 力 OUTPUT	A	熔接面膜 $\frac{mm}{in}$ WELDING (ABS)	裝 箱 尺 寸 DIMENSIONS (cm)	淨 重 (kg) NET WEIGHT	工 作 高 度 WORKING HEIGHT	備 註 REMARKS
STP-2013P	20KHZ	1300W	10	60Φ	80×60×140	90	0~320m/m	
STP-2015P	20KHZ	1500W	10	80Φ	80×60×140	90	0~320m/m	
STP-2020P	20KHZ	2000W	12	100Φ	80×60×140	100	0~320m/m	
STP-2025P	20KHZ	2500W	12	120Φ	80×60×140	100	0~320m/m	
STP-1518P	15KHZ	1800W	10	150Φ	80×60×140	110	0~320m/m	
STP-1522P	15KHZ	2200W	12	170Φ	80×60×140	110	0~320m/m	
STP-1528P	15KHZ	2800W	12	180Φ	80×60×140	120	0~320m/m	
STP-1532HP	15KHZ	3200W	15	200Φ	110×90×210	250	0~320m/m	
STP-1536HP	15KHZ	3600W	15	230Φ	110×90×210	250	0~320m/m	
STP-1542HP	15KHZ	4200W	15	250Φ	110×90×210	250	0~320m/m	

以上規格本公司保留變更權，若有變更恕不另行通知。We reserve the right for any aiteration without prior notice.

β 型式為光學尺數控型，以上任何機型可選購落地行車架。β-series is optical and digital control type.

Optional floor type machine frame is available for all of the abovementioned models upon request.



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VIETNAM WANTED AGENT