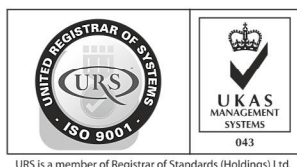


Short Arc Welding Machine

各種線圈末端的接合
如熱電偶、繼電器、
電感線圈、電子部件、
馬達繞線終端……等

To weld variety kinds of tiny edges, i.e. thermocouple, relay induction coil, electronic parts, electric motor terminal... etc.



台灣電漿股份有限公司
TAIWAN PLASMA CORP.

<http://www.plasma.com.tw>

精密短電弧焊接機

Short Arc Welding Machine

特性

- 對於鐵、不銹鋼、銅、鎢、鉬類材料以及特殊接合面的焊接和線徑細小的線圈末端的焊接。
- 為非接觸式電弧焊接，可進行微小部位的無助焊劑焊接（無鉛化與汙染問題）。
- 因為是瞬間加熱，對周圍的熱影響很小，所以可進行局部的接合。
- 焊接時間因端子與線形狀而有所不同，但一般的接合在0.1秒以內，可高速化完成。另外，因為焊接時間非常短，所以對線圈骨架樹脂部的熱影響也少。

優勢

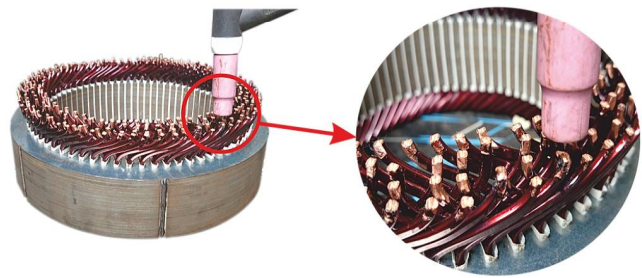
- 較局部瞬間接合，最小的熱影響區
- 觸控螢幕數位式的控制操作
- 細如頭髮般高品質焊接
- 精確的電流輸出與焊接時間設定
- 焊接時間可以短至0.02秒

FEATURES

- The best technology for welding wires with very tiny edge, and with the material like mild steel, stainless steel, copper, tungsten, or molybdenum.
- A kind of non-contact arc welding, which can weld very tiny area without any use of scaling powder. So there's no lead pollution at all.
- As it heats the working piece only in a very short time, so there's not much influence to the surrounding area.
- The actual welding time is according to the size, shape, material and terminal of the working piece. It usually can be done within 0.1sec. With such short time, it shouldn't even influence the frame at all.

ADVANTAGES

- Smallest heat-effected area involved.
- Digital control with a touch panel.
- Able to weld parts as thin as hair.
- Precise output current and welding time.
- Welding time can be as short as 0.02sec.

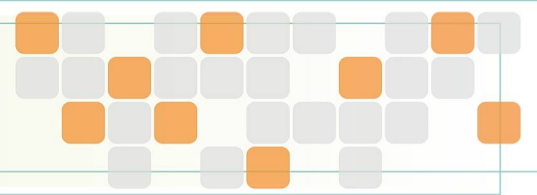


規格表 SPECIFICATION

型號 MODEL		FS-80	FS-200	FS-300
規格 SPEC				
入力電壓	Input Voltage	220V, 3 Phase, 60Hz // 380V, 3Phase, 50Hz		
定格入力	Input Power	3 KVA	6.5 KVA	10 KVA
開路電壓	OCV	≤120 VDC	≤120 VDC	≤150 VDC
熔接電流	Welding Current	10 ~ 80 A	10 ~ 200 A	10 ~ 300 A
使用率	Duty Cycle	80%	60%	60%
點焊時間	Welding Time	0.02 ~ 60 sec		
焊接時間單位	Unit of Welding Time	0.001 sec		
使用氣體	Gas	氬氣 Argon		
氣體預流時間	Gas pre-flow time	0~5 sec		
氣體後流時間	Gas post-flow time	0~25 sec		

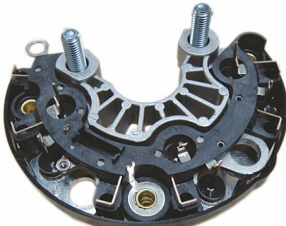
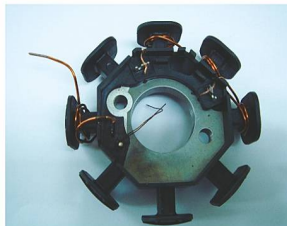
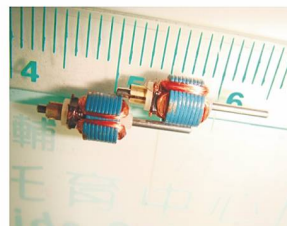
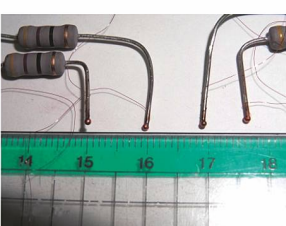
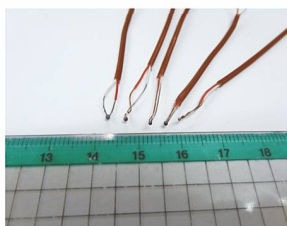
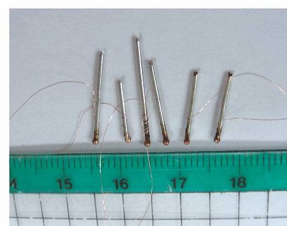
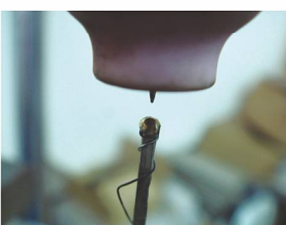
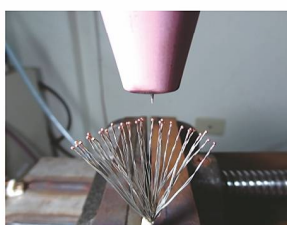
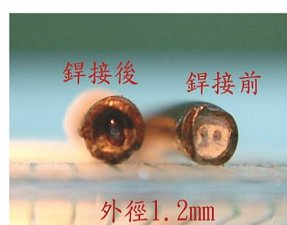
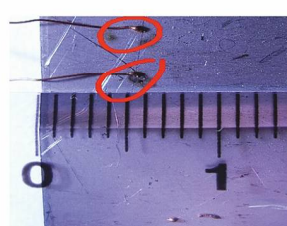
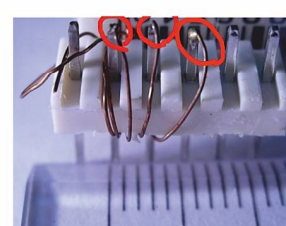
備註：接受其他電源電壓或特殊規格訂購生產

REMARK: DIFFERENT INPUT FREQUENCY AND VOLTAGE CAN BE SUPPLIED ON REQUEST.



應用實例

Welding Samples

精密短電弧焊接機

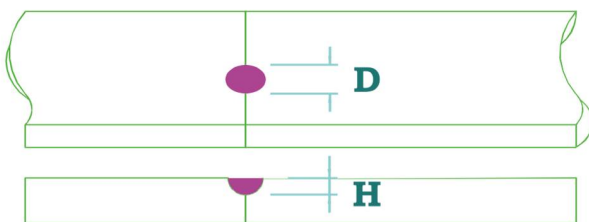
Short Arc Welding Machine

配件 Accessory

品名 Description	數量 Qty
短電弧焊接槍組(4米) Short Arc Welding Torch (4M)	1 Set
電極棒 Electrode	3 Pcs
銅束 Electrode Collet	2 Pcs
銅束座 Electrode Collet Set	2 Pcs
火嘴 Tip	5 Pcs
母材線 Working Piece Cable	3 M

焊接能力 Welding Capacity

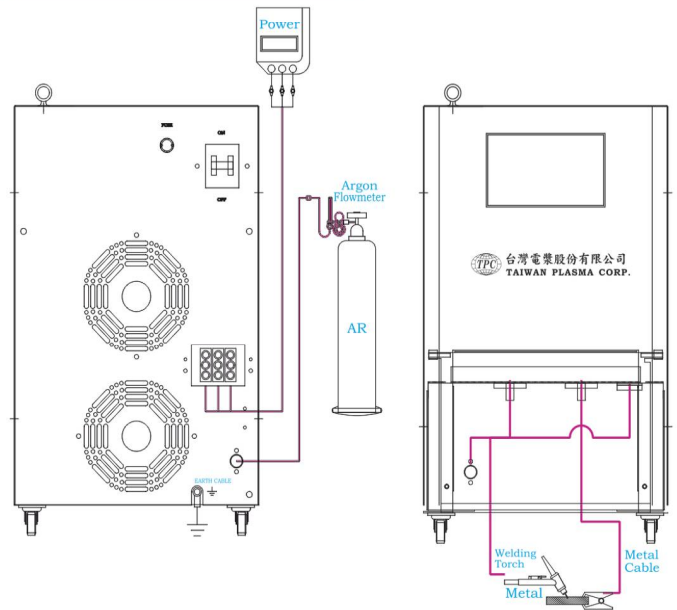
板材 Plate



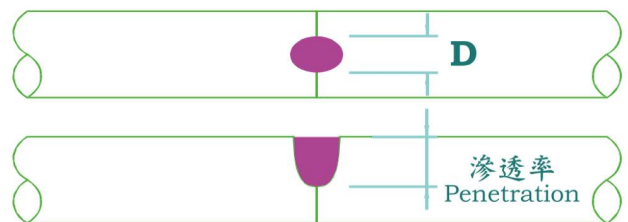
單位Unit:mm

材質 Material	項目 Item	D	H
鐵 MS	板厚 Thickness	2.0t	
	焊接處 Welding Area	$\phi 5.0$	2.0
不銹鋼 SUS	板厚 Thickness	2.5t	
	焊接處 Welding Area	$\phi 6.0$	2.5
銅 Copper	板厚 Thickness	1.2t	
	焊接處 Welding Area	$\phi 5.0$	1.2

連線圖 Connection



線材 Wire



單位Unit:mm

材質 Material	項目 Item	D
鐵 MS	直徑 Diameter	$\phi 2.6$
	滲透率 Penetration	50%
不銹鋼 SUS	直徑 Diameter	$\phi 2.6$
	滲透率 Penetration	90%
銅 Copper	直徑 Diameter	$\phi 1.2$
	滲透率 Penetration	90%



台灣電漿股份有限公司
TAIWAN PLASMA CORP.

<http://www.plasma.com.tw>

總公司：高雄市大寮區(萬大工業區)農場路222號

Head Office: No.222, Nong-Chang Rd., Da-Liao Dist., Kaohsiung 831, Taiwan

Tel: +886 7 7876722 Fax: +886 7 7876756

E-mail: info@plasma.com.tw

經銷商

北區辦事處：桃園縣龜山鄉復興二路131巷78號

Branch: No.78, Lane 131, Fusing 2nd Rd., Gueishan Township, Taoyuan County 333

Tel: +886 3 3978550 Fax: +886 3 3978560

P/N:160410107 Jan. 2015