

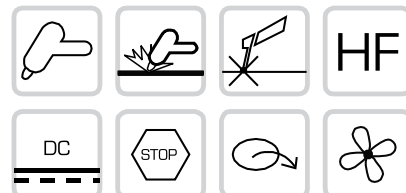


TIG/MMA WELDING PLANTS TRANSDUCTOR CONTROL



**SPARKLINE
WELDERS**

ISO 9001 : 2015 Company



Models

STA 20 - 200 Amps
STA 30 - 300 Amps
STA 40 - 400 Amps
STA 50 - 500 Amps
STA 60 - 600 Amps

TIG Welding Plants includes :

Power Source: For D.C. Tig Welding : DC welding Rectifier sets are ideal for use on all weldable metals Stainless Steel (S.S.) Rectifiers are saturable reactor core / Thyristor Controlled type Supply 3 Phase, 440 AC, 50 Hz, full wave, Silicon rectifier bridged, Open Circuit Voltage (OCV) 80 Volts, step less current control, Forced air cooled, Class 'F' Insulation. For AC TIG Welding : AC / DC combined welding Rectifiers with 80 to 100 OCV available in all range & are economically ideal for the job of S.S. & Al. Separate Oil Cooled Arc Welding Machine are preferred for TIG Welding on Aluminium.

Parameters	Model	SSR 20	SSR 30	SSR 40	SSR 50	SSR 60
Welding Current Range	A	20 - 200	30 - 300	30 - 400	40 - 500	50 - 600
Cont. H.W. current @ 60% D.C.	A	200	300	400	500	600
Auto. W. Current @ 100% D.C.	A	150	210	300	350	400
Rating at 60% Duty Cycle KVA	12	18	25	30	36	42
Recom. P.F. correction capacitor	KVA	3	6	8	9	10
Recommended Fuse	Type	TP25	TP35	TP45	TP50	TP65
Weight	Kg.	175	200	250	300	350

High Frequency Unit: It consists of Solenoid valve for starting Argon Gas supply. Pre and Post flow timer for cooling of Tungsten electrode after welding. Unit is remotely controllable from foot paddle switch. It consists of well balanced LRC circuit, spark gap unit & an air core transformer to prevent mains frequency from entering into the oscillating circuit.

TIG welding Torch: Water & Gas cooled Torches from 200 Amps to 600 Amps capacity is supplied TM with study brass structure with Water / Gas cooled welding cable. It is equipped with its accessories such as Tungsten electrode, ceramic nozzle, long cap, short cap etc.

Flowmeter with Regulator: Argon gas is precisely calibrated to discharge gas. Water circulating unit: Provided to cool TIG Torch.

In view of continuous Development, we reserve the rights to modify the design, specifications and or dimensions without notice.