



ISO 9001 : 2015
CERTIFIED COMPANY

SHREEJI

WELD INDUSTRIES



TABLE MOUNTED SPOT WELDER

APPLICATIONS :

This unique machine has been specially developed for precision welding work as encountered in manufacture of Vacuum tubes, instruments, dentures, fountain pen nibs, artificial jewellery, spectacle frames, bulbs filaments etc.

The machine is a highly versatile being capable of tackling delicate welds and on the other hand possesses adequate capacity to weld M.S. rods upto 12 SWG.

It is possible to weld to a high degree of accuracy, materials such as Brass, Stainless steel etc.

The machine has also been found to very useful in Universities, Colleges, Research Laboratories and technical Institutes.

TPW : Thermally Permissible Welds per minute.

We Also Manufacture : Arc Welders, Spot Welders, Butt Welders, Argon Arc Welders, Seam Welders, Pneumatic, Pedal Operated, Table Mounted, Portable and Resistance Heating Equipments.

SP 3 WELD ABILITY

MATERIALS		Low – Carbon – Steel		Stainless Steel		Brass	
		MS		SS			
		SWG	TPW	SWG	TPW	SWG	TPW
SHEET	Min.	56	43	58	43	58	10
	Max.	16	7	16	10	28	4
WIRES	Min.	30	56	26	66	20	20
	Max.	12	5	20	28	14	11

SPECIFICATIONS

RATING 3 KVA @ 50% Duty Cycle.	MAINS SUPPLY 220 Volts, Single phase, 50 Cycles	
MAX. AVAILABLE CURRENT (SHORT CIRCUIT) 3600 Amps @ 15% Duty Cycle.	TOTAL NET WEIGHT 110 kgs. (250 lbs)	
ELECTRONIC CONTROL	Rugged "SHREEJI WELD INDUSTRIES" Solid State Electronic Timer.	
	Timing	Short Range 5 - 50 cycles. Long Range 1 – 10 secs (50 to 500 cycles)
CURRENT CONTROL	By means of 3 primary and 3 secondary taps on the transformer to provide welding current adjustment in 9 steps. Primary taps (High / Low / Medium) manipulated by a heavy duty snap action rotary switch.	
WELD PRESSURE	Provide by a sensitive spring carried on the welding head and regulated by a finely threaded large nut from 2 to 80 lbs. Only a fraction of the actual electrode force required on the pedal due to the lever arrangement provided.	
WELD INITIATION	By means of a built – in switch which initiates the weld only after steady preset pressure is built up.	
CONTACTOR	Rugged heavy duty contactor	
PACKING DIMENSIONS	1470 × 860 × 1340 mm. (58" × 34" × 53")	
TRANSFORMER	Specially designed, low leakage reactance, air cooled transformer having specially coils.	
CONSTRUCTION	All machine components fitted on 900 mm × 450 mm × 750 mm (36" × 18" × 30") Wooden topped steel table with 3 lockable drawers.	
	Attractively designed welding head carrying the upper and lower electrode arms and spring control mechanism fitted on the table.	
	Transformer, Timer and primary contactor housed in an attractively finished sheet steel box mounted on the rear side of the table.	
	Connections from transformer output terminals to the welding head by means of a path of heavy duty cables.	
	Throat Depth	150 – 200 mm (6" – 8")
Throat Height	100 mm (4")	
Electrode Gap	10 – 3 mm (3/8" - 1/8")	



ISO 9001 : 2015
CERTIFIED COMPANY

SHREEJI WELD INDUSTRIES

*Address : 7, Magdummiya Industrial Estate, Nagwadi Cross Lane,
P. L. Lokhande Marg, Chembur (west), Mumbai - 400 089.*

Tel. : 022 – 2772 1402

E-mail : shreejiweld@gmail.com

Mob. : 92245 72471 / 93232 75103

Website : www.shreejiweld.com