



FULLY THYRISTORISED 6 PULSE Co2 MIG WELDER SKR 300 / 400 / 600



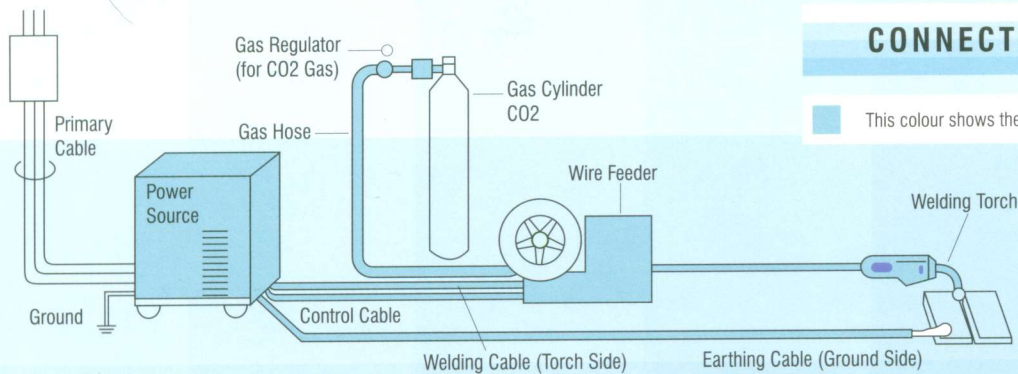
NEW USER FRIENDLY DESIGN

- Compact and Lightweight.
- Easy to Connect and Operate the Machine.
- Simple and User Friendly Operation Panel .
- Crater Fill Function - Prevents Crater Cracking at the end of Weld.
- 42V Power Outlet Equipped for Shielding Gas Regulator heater.
- Operation Prevention due to Lost input Power Phase.
- FTT (Fresh Tip Treatment) and Burn back time Control are realized.
- Automatic line Voltage Fluctuation Compensation $\pm 10\%$.
- Easy Maintenance as a Clip on Type PCB.
- Welders Friendly as Sleek, Highly Flexible, Light Weight Torch.
- Maintenance free Servo Wire Feeder.

SAFETY ASSURED

- Covers On Input And Output Terminals.
- Over Temperature Protection.
- Wire feeder operates on 24VDC.
- Gas Check Function. The Flow Of Welding Gas Can Be Safely checked without pressing the torch switch.
- Warning Lamp when an error is detected, this lamp lights and shut down the machine for safety and easy trouble shooting.
- No Load Switching Ensures Better Contactor Life.
- Dust Proof Control Chamber.

Excellent Welding for Higher Performance...



CONNECTION DIAGRAM

This colour shows the items consisted in standard package

TECHNICAL SPECIFICATIONS

Sr. No.	Specifications	Model		
		SKR-300	SKR-400	SKR-600
01	Control Method	Thyristor		
02	Rated primary voltage	3ph - 415 VAC		
03	Frequency(Hz)	50/60		
03	Rated Primary Input (KVA)	13(11.8Kw)	21.8 (19.1Kw)	40 (35.6Kw)
04	Out put current range (A DC)	60-300	60 - 400	60-600
05	Crater Current (A)	60-300	60- 400	60-600
06	Output Voltage range (VDC)	18-29	16-36	16-45
07	Crater Voltage (VDC)	18-29	16-36	16-45
08	Rated duty cycle current (Amps)			
	@ 60% Duty Cycle	300	400	600
	@ 100% Duty Cycle	240	310	470
09	Cooling	Forced Air		
10	Insulation	Class H		
11	Weight (approx.) Kgs	108	142	225
12	Dimensions (approx.) L x W x H	730 x 400 x 750		800 x 500 x 900 mm
13	Wire Dia. (mm) : Solid Wire	0.8 /1.0	0.8/1.0/1.2	1.0/1.2/1.6
	Flux Cored	-	1.2	1.2/1.6
WIRE FEEDER		S1 N		S2 N
	Input supply (VDC)	24		
	Wire Speed	0-20M/Min		
	Drive Roll	2		4
	Wire Size(m)	0.8-1.2		0.8-1.6
	Dimension (mm)	500 x 210 x 330		
	Weight (Kg)	8.5		9.0
	Applicable spool size	300mm dia 15Kg		
WELDING TORCH		24 KD	26 KD	36 KD
	Max. current capacity(A)	250	300	500
	Duty cycle (%)	60		
	Cooling type	Gas Cooled		
	Length (Mtr)	3		
	End connection	Std.		
	Wire size (mm)	0.8, 1.2 mm	0.8, 1.2	1.2, 1.6
	Weight((approx.) (Kg)	2.2	3.0	3.4

STANDARD ACCESSORIES

Welding cable	3 mtr
Earthing cable with clamp	3 mtr
Gas hose	3 mtr

Gas regulator & flow meter	1 set
Gas pre-heater	1 no.



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(In view of continuous development, we reserve the right to modify the design and / or dimensions without notice)



ISO 9001:2008